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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

FILE NO. 143

MONTHLY

REPORTS

September, 1927

SEPTEMBER 1927

October 8, 1927.

Dear Mr. Director:

The following is my report on conditions in Yellowstone National Park and on the activities of the National Park Service for the month of September 1927:

000 - General

September in Yellowstone National Park, like August, was a month of unusually wet weather. It was one of the five wettest Septembers of which the Weather Bureau here at park headquarters has record. Temperatures were also below normal. It is natural that September days should be cooler than any others during the season but in September 1927 the mean temperature was 4.8° below normal. The wet, cold weather made conditions bad for camping and even in the lodges, maintained by the Yellowstone Park Camps Company, there was considerable suffering from cold. In the Canyon Hotel where there are only about 40 rooms heated by steam there were complaints about the cold rooms and the impossibility of sleeping well under such conditions. All the other hotels had sufficient steam heated rooms to take care of the September travel which normally patronizes the hotels but the extreme shortage of rooms in the Canyon Hotel made it impossible for the Hotel Company to properly accommodate its patrons during the coldest part of the month. Since the close of the season, however, the unheated rooms in the Canyon Hotel have been furnished with radiators and connections to the steam heating plant.

Despite the bad weather the roads were kept in good condition and as the season closed the park highways were probably in better condition than they have ever been, in particular at this time of year. Construction work proceeded normally and with not a great deal of interruption on account of bad weather and largely due to the fact that most of the storms were in the late afternoon or at night. While such storms made it bad for camping, it did not particularly interfere with construction work out of doors or with motoring or sight-seeing during the day. The Morrison-Knudsen contractors on the Cub Creek section of the East Entrance road had some difficulty in keeping the road open for traffic. The new grade was soft and muddy and cars were constantly getting stalled in the mud. This road was closed formally on September 25th and while it has been possible to get through since that date travel has been discouraged and very few cars have actually used the eastern gate. The formal season, that is the period when hotels and lodges, transportation lines, etc., operated, and special trains were operated to the park by railroads, closed on September 19th. The last special trains bearing passengers to the various park gateways arrived on September 15th but trains were run out of the various gateways each night until the 19th and on the 20th the Union Pacific ran a special train for

October 8, 1937.

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[illegible] - General

September in Yellowstone National Park, like August, was a month of unusually wet weather. It was one of the five wettest Septembers of which the Weather Bureau has at past headquarters had record. Temperatures were also below normal. It is natural that September days should be cooler than any others during the season but in September 1937 the mean temperature was 4.6° below normal. The wet, cold weather made conditions bad for camping and even in the lodges, maintained by the Yellowstone Park Camps Company, there was considerable suffering from cold. In the Canyon Hotel where there are only about 40 rooms heated by steam there were complaints about the cold rooms and the impossibility of sleeping well under such conditions. All the other hotels had sufficient steam heated rooms in each care of the September travel which normally patronizes the hotels but the extreme shortage of rooms in the Canyon Hotel made it impossible for the Hotel Company to properly accommodate its patrons during the coldest part of the month. Since the close of the season, however, the unheated rooms in the Canyon Hotel have been furnished with radiators and connections to the steam heating plant.

Despite the bad weather the roads were kept in good condition and at the season closed the park highways were probably in better condition than they have ever been, in particular at this time of year. Construction work proceeded normally and with not a great deal of interruption on account of bad weather and largely due to the fact that much of the stone work in the late afternoon or at night. While snow storms made it bad for camping, it did not particularly interfere with construction work out of doors or with motoring or night-seeing during the day. The Norris-Mammoth and Tree-bars on the Cub Creek section of the East Entrance road had some difficulty in keeping the road open for traffic. The new grade was soft and muddy and cars were constantly getting stalled in the mud. This road was closed formally on September 25th and while it has been possible to get through since that date travel has been discouraged and very few hours have actually seen the western gate. The formal season, that is the period when hotels and lodges, transportation lines, etc., operated, and special trains were operated to the park by railroads, closed on September 10th. The last special trains bearing passengers to the various park gateways arrived on September 15th and trains were run out of the various gateways each night until the 19th and on the 20th the Union Pacific ran a special train for

the convenience of late visitors and employees. Old Faithful Inn was closed on the 17th, Yellowstone Lake Hotel on the 18th and Canyon and Mammoth Hotels on the 19th as each was vacated by the railroad visitors. Old Faithful Lodge was closed on the 19th and Mammoth Lodge about the 24th. The Lake and Canyon Lodges were kept open until October 1st but at reduced rates inasmuch as visitors had to eat in the kitchens with the employees. Camp Roosevelt was closed on the 14th. Cafeterias and housekeeping units were closed as follows:

Mammoth Camp -	October 1st
Old Faithful -	September 28
West Thumb -	September 18
Fishing Bridge -	September 18
Canyon -	September 18

Service by the park operators was good until the end of the season, although during the last few days there was some complaint about excessive speeding by drivers of the buses. Since the formal season closed, visitors have been admitted to the park at all entrances and those who have not chosen to camp out using their own equipment have been able to get accommodations at Hamilton's stores at Old Faithful and Lake, and of course at the lodges and housekeeping units until they closed as stated above. Hamilton is still maintaining facilities at his store at Old Faithful and is taking care of late visitors in a very satisfactory manner.

There were a number of distinguished people here during the month of September including Hon. Louis Franck, Ministre d'Etat and Governor of the Bank of Belgium, United States Senator Tasker L. Oddie of Nevada and Congressmen Charles E. Winter of Wyoming and W. F. Dallinger of Massachusetts.

As our travel reports, which have already gone to you have shown, Yellowstone Park closed its 1927 season showing a total travel of 200,825, or 13,018 people more than were registered at the park in 1926. This is the largest travel the park has ever had. Heavy traffic on the opening date at the Cody gateway - June 19th - prevented our counting all visitors to the park that day and it is probable that our real travel exceeded the figure of 200,825 by 200 or 300.

The only other general item of interest relating to the park that should be recorded here is the fact that in accordance with instructions from the Washington Office and based on Chief Inspector Charles L. Gable's report, we began the reorganization of the financial side of the office but at the close of the month the new appointments had not been issued, and details of the reorganization will therefore not appear in the monthly report until the October report is sent in.

110 - Status of Work

While there was some arrearages on the financial side of the office and a certain accumulation of unanswered letters of introduction and miscellaneous matters not calling for immediate attention on the administrative side, the work of Yellowstone Park is current.

the curtailment of late visitors and employees. Old Faithful Inn was closed on the 17th, Yellowstone Lake Hotel on the 16th and Canyon and Lemonade Auxiliary on the 15th as each was rocked by the earliest visitors. Old Faithful Lodge was closed on the 17th and Mammoth Lodge about the 24th. The Lake and Canyon Lodges were kept open until October 1st but at reduced rates because of visitors had to get in the midseason view the employees. Camp Roosevelt was closed on the 14th. Cafeterias and housekeeping units were closed as follows:

Mammoth Camp -	October 1st
Old Faithful -	September 25
Lake Camp -	September 18
Yellow Bridge -	September 18
Canyon -	September 18

Service by the park operators was good until the end of the season, although during the last few days there was some complaint about unsatisfactory speeding by drivers of the buses. Since the formal season closed, visitors have been admitted to the park at all entrances and those who have not chosen to camp out using their own equipment have been able to get reasonable service at Hamilton's stores at Old Faithful and Lake, and of course at the Lodges and housekeeping units until they closed as stated above. Hamilton is still maintaining facilities at his store at Old Faithful and is taking care of late visitors in a very satisfactory manner.

There were a number of distinguished people who visited the park during the month of September including Mme. Lucie Trouin, Minister d'Etat and Governor of the Bank of Belgium, United States Senator Samuel A. Gallinger of Hampshire, Sheriff H. Tinker of Spokane and W. F. Dillinger of Sacramento.

As our travel reports, which have already been in you have shown, Yellowstone Park closed its 1927 season showing a total travel of 200,000, or 11,000 people more than were registered at the park in 1926. This is the largest travel the park has ever had. Heavy traffic on the opening date at the Gate Mammoth - June 15th - prevented our counting all visitors to the park that day and it is probable that our real travel exceeded the figure of 200,000 by 500 or 600.

The only other general item of interest relating to the park that should be recorded here is the fact that in accordance with instructions from the Assistant Director Office and Chief Inspector Charles A. Noble's report, we began the reorganization of the field social life on the Office but at the close of the month the new organization had not been issued, and details of the reorganization will therefore not appear in the monthly report until the October report is sent in.

II0 - Status of Park

While there was some arrangement on the financial side of the office and a certain accumulation of unanswered letters of introduction and miscellaneous matters not dealing for immediate attention on the administrative side, the work of Yellowstone Park is current.

120 - Park Inspections:

During the month of September I traveled on inspection 1533 miles by auto, approximately 50 miles by horse and several miles afoot. On September 1st I was at headquarters and on the 2nd I made an inspection of the roads of the park with Resident Engineer Daum and Landscape Engineer Vint. The 3rd and 5th inclusive I was at headquarters. On the 6th I went to Old Faithful and spent the day there on inspection of new construction for the public utilities, and went on to Canyon Hotel for the night. On the 7th I inspected construction work at the Canyon and came into headquarters by way of Mt. Washburn, Dunraven Pass and Tower Falls. On the 8th I was with the Chief Ranger and other rangers on an exploration trip in the Lake Yellowstone region. On the 9th and 10th I was at headquarters. The 11th was devoted to a trip to Cody, Wyoming, and back as far as the Lake Lodge on a general inspection of roads and new construction work. On the 12th the trip was continued to the Jackson Hole country, Jenny Lake, Leigh Lake, etc., thence back to Old Faithful and into headquarters about midnight. On the 13th to 15th I was at headquarters, part of the time with Superintendent Tillotson of Grand Canyon National Park. On the 16th I was on an inspection of the west side of the park, having with me former Chief Landscape Engineer Dan R. Hull, who went to Old Faithful and thence to West Yellowstone. On the 17th I was at Grand Canyon returning on the 18th by way of Dunraven Pass and Tower Falls. On the 19th and 20th I was at headquarters as the park formally closed for the season. From the 21st to 24th I was on a trip to the Teton Mountains in the Jackson Hole. Part of this time I devoted to riding in the Tetons and the rest to transacting business in Jackson and inspecting roads in the Jackson Hole country. I returned to headquarters on the night of the 24th stopping at Old Faithful en route. I was at headquarters on the 25th and at Livingston, Montana, on business on the 26th and 27th. The remainder of the month I was at headquarters.

Resident Engineer M. F. Daum and Chief Ranger Sam T. Woodring were on inspection of park operations within their jurisdiction throughout the month being on the road almost every day and covering hundreds of miles.

Assistant to the Superintendent Joseph Joffe left on September 4th for Paris to attend the annual convention of the American Legion. Mrs. Joffe accompanied him.

123- National Park Service officers

Superintendent M. R. Tillotson of Grand Canyon National Park entered the Cody gateway on September 11th with Mrs. Tillotson and spent several days in the park inspecting its facilities and operations and conferring with our engineers, rangers and other officers as well as myself. He left via the western entrance on the 16th.

Acting Chief Ranger Jolley of Zion National Park visited the Yellowstone with his family, making a private tour.. He was in a great hurry and did not stop at headquarters but a short time.

Chief Landscape Engineer Vint came in via West Yellowstone on August 29th and left via Gardiner on Sept. 11th.

Park Inspections

During the month of September I traveled in inspection 5555 miles by auto, approximately 50 miles by horse and several miles afoot. In September I was at headquarters and on the 2nd I made an inspection of the roads of the parkways including Lookout Point and Longmire Springs Trail. The 3rd and 4th inclusive I was at headquarters. On the 5th I went to Old Faithful and spent the day there on inspection of new construction for the public utilities, and went on to Canyon Hotel for the night. On the 7th I inspected construction work at the Canyon and some line inspectors by way of Tantalum, Norris Junction and Tower Falls. On the 8th I was with the Chief Ranger and other rangers on an equipment trip in the Lamar Valley region. On the 9th and 10th I was at headquarters. The 11th was devoted to a trip to Cody, Wyoming, and back as far as the Lake Lodge on a general inspection of roads and construction work. On the 12th the trip was continued to the Lamar Ranger Station, Mammoth Hot Springs, etc., thence back to Old Faithful and into headquarters about midnight. On the 13th to 16th I was at headquarters, part of the time with Superintendent Pinkham of Grand Canyon National Park. On the 16th I was on an inspection of the west side of the park, having with me Chief Ranger Lemmon, Chief Ranger Cox, Ranger Hall, who went as far as Hot Springs and Thermopolis, Wyo. On the 17th I was at Grand Canyon returning on the 18th by way of Bozeman Pass and Tower Falls. On the 19th and 20th I was at headquarters as the park closed for the season. From the 21st to 28th I was in a trip to the Yellowstone in the Jackson Hole. Part of this time I drove an Ford in the Jackson Hole the most difficult mountain in Jackson and inspection trail in the Jackson Hole country. I returned to headquarters on the night of the 28th stopping at Old Faithful enroute. I was at headquarters on the 29th and 30th and left Monday, October, on business on the 1st and 2nd. The remainder of the month I was at headquarters.

Assistant Engineer E. P. Leet and Chief Ranger Geo. R. Spalding made an inspection of park boundaries within their jurisdiction throughout the month using an the road almost every day and covering hundreds of miles.

Assistance to the Superintendent during the month has been left as inspection for parts to attend the annual convention of the American Legion. Nothing has occurred at this.

139- Relations with service officers

Superintendent E. R. Pillsbury of Grand Canyon National Park spoke the Cody Lyceum on September 11th with Mr. Pillsbury and spent several days in the park inspecting its facilities and conferring and conferring with our engineers, rangers and other officers as well as myself. He left via the western entrance on the 16th.

Major Chief Ranger Kelly of the National Park visited the following along with his family, making a private tour. He was in a great hurry and did not stop at headquarters for a short time.

Chief Ranger Kelly, Mr. Kelly, Mrs. Kelly came in via West Yellowstone on August 29th and left via Gardiner on Sept. 11th.

Former Chief Landscape Engineer D. R. Hull arrived at West Yellowstone on September 15th with Gilbert S. Underwood, architect for the Union Pacific system. In fact Mr. Hull is now employed by the Union Pacific as Consulting Landscape Engineer. Mr. Hull is also Mr. Underwood's associate in business. Mr. Hull came into headquarters on the night of the 15th and devoted the 16th to inspection of new improvements in Yellowstone Park which are being made this year on the west side of the park, that is, at Mammoth Hot Springs, Old Faithful, etc. He was very much impressed with what had been accomplished and was particularly pleased with the landscape work that had been accomplished through the removal of the old Norris lunch station and Fountain Hotel. At West Yellowstone I had an opportunity to talk with Mr. Underwood.

180 - Circulars, placards, publicity bulletins, etc.

Copies of bulletins and circulars issued during the month are attached hereto.

200 - Maintenance, Improvements and New Construction

All crews on light maintenance work were transferred to new road construction the first of the month except the crew on the West Gallatin road and the crew upon the Cooke City road. The latter crew graveled the Soda Butte section of that road. The one man power graders were left on the entire month. They were used in following the heavy maintenance outfit which was ditching and in maintaining the roads under traffic.

A heavy maintenance crew of two graders and the 75 Holt tractor ditched from Lake Junction south to Lewis Lake and then to Old Faithful, West Yellowstone, and Norris Junction. The power graders were used to follow up. Heavy rains and snows delayed this work during the latter part of the month until it was necessary to pull off the crew.

The bridge across the Firehole River east of Old Faithful was redecked and repaired. The bridge across the draw near Hamilton's store was replaced with pipe culverts. The heavy traffic of the last few months put these structures in very bad shape so that we were forced to do this work.

No oiling was done this month nor was any necessary.

220 - Improvements - buildings:

Carpenter shop: The carpenter has been engaged upon the usual building maintenance and in addition has started the remodeling of the old warehouse near the jail. This building will be made into a duplex house, five rooms each.

Painting department: The Master Painter has been engaged upon the finishing of the outside work and painted the kitchen of Mr. Edwin's house, and has started the painting of the house recently assigned to Mr. Peterson.

Garage: Completed the overhauling of the B.P.R. truck and started into overhauling the White 2-ton which we received from the Veterans Bureau, besides keeping the freight fleet of thirteen trucks, the gravel fleet of 9 trucks and the tractors and power graders in operation. The motorcycles were overhauled and made ready for winter storage.

Former Chief Engineer Engineer D. C. Hall arrived at Port Dalhousie on September 15th with Mr. Underwood, architect for the Dalhousie Public system. In fact Mr. Hall is now employed by the Public as consulting Engineer Engineer. Mr. Hall is also Mr. Underwood's associate in business. Mr. Hall also has employment on the right of the 15th and covered the 15th in inspection of new improvements in Toronto and Hamilton and also spent a few days on the water side of the park. Also he, at Dundas Port Dalhousie, Old Welland, etc. He was very much interested with what had been accomplished and was particularly pleased with the landscape work that had been accomplished through the removal of the old Burwell Hotel and Toronto Hotel. At that Dalhousie I had an opportunity to talk with Mr. Underwood.

15th - Climature, climate, weather, weather bulletins, etc.

Copies of bulletins and circulars issued during the month are attached hereto.

500 - Maintenance, Improvements and New Construction

All areas on Light maintenance work were transferred to our maintenance in the first of the month except the work on the Port Dalhousie road and the work upon the Cedar City road. The latter work involved the main Ratto section of this road. The new power project in Port Dalhousie was completed in the month. Work was held in finishing the heavy maintenance outside which was difficult and in maintaining the roads under traffic.

A heavy maintenance crew of two graders and the 75 Hall tractor attached from Lake Erie Division moved to Lake Lake and then to Old Welland, work followed, and Morris Junction. The power graders were used to follow up heavy trucks and crews helped this work during the latter part of the month until it was necessary to pull off the crew.

The bridge across the Welland River east of Old Welland was renewed and repaired. The bridge across the Port Dalhousie's store was replaced with pipe culverts. The heavy traffic of the last few months put these structures in very bad shape at that we were forced to do this work.

No filling was done this month nor was any necessary.

520 - Improvements - Buildings:

Superintendent's office: The superintendent has been engaged upon the usual building and maintenance and in addition has started the remodeling of the old warehouse over the pit. This building will be made into a small house. It is being made.

Electric Superintendent: The Master Mechanic has been engaged upon the finishing of the outside work and painted the kitchen of Mr. Davis's house, and has started the painting of the house recently occupied by Mr. Peterson.

Garage: Completed the overhauling of the M.R.R. truck and started into overhauling the 3-ton which we received from the Veterans Bureau. Repaired the Dodge flat of winter trucks, the gravel float of 3 trucks and the tractors and power graders in operation. The motorcycles were overhauled and made ready for winter storage.

Electrical Department: The electrical department rewired the house assigned to Mr. Peterson and started to wire the building under alteration. The force at the Power Plant overhauled one turbine that had been giving trouble and found about fifty pounds of gravel and broken up concrete in it. No damage was apparent. The telephone crew completed the maintenance of the Upper Yellowstone lines and placed the line to Crevice ranger station on cedar poles for four miles of the distance.

Plumbing department: Old Faithful Auto Camp; Completed two new standard comfort stations consisting of 16 flush toilets, two 5-foot urinals and 2 lavatories. Built 2,500 feet of driveways and graveled same. Excavated for and laid 650 feet 6" sewer pipe. Excavated pit 100 feet x 8 feet x 11 feet for burying cans. Excavated and laid 500 feet 4-inch galvanized water pipe and built concrete valve chamber 3 x 3 x 4 feet. Completed the construction of incinerator including building 10 x 14 feet for hot water tank and tools. Mammoth: Repaired eave trough and conductor pipes; maintaining water and sewer systems; operating 5 steam boilers and 2 hot water plants; repairing inside plumbing and heating systems; excavating for steam mains under new quarters, also excavating and laying 108 feet 6" sewer and 80 feet 1-1/2 G.I. water pipe.

230 - New construction - roads

The Firehole road was open for travel the last of the month. However, there is much finishing work and it will take another month for a small crew to do this work and the cleanup.

The Canyon-Tower Junction road was complete except for the finishing and surfacing of about 1,000 feet of the road and there is about 75% of the roadside cleanup to be done. This will take a small crew another month to complete. The main construction force was transferred the 26th to the Norris-Mammoth project.

Mammoth-Norris Junction project: Camp was established near the 17-mile post from Mammoth and at Norris and two crews started work. The 3,000 feet relocation of the road around the 19 mile post was cleared, grubbed and roadside cleaned up and excavation was started at the bridge to improve the bridge approach The relocation above Lily Pad Lake was about 75% completed. Much hot ground was struck during the excavation, but only one large cavity which did not give trouble. Half of the excavation was through solid rock and the work has been delayed some. In addition the crew on this work completed roadside cleanup between the 17 and 18½ mile posts and cleared for the line changes. About forty men were used on this project and twenty teams. A scarcity of labor has retarded the work this month.

Madison Junction-West Yellowstone project: Camp has been established near the 6-mile post from Madison Junction but only clearing, grubbing and cleanup has been done so far, and this only over the proposed season's work. The steam shovel was laid up for repairs the entire month. The boiler crown sheet cracked and we had to order a new boiler from Erie, Pa. Immediate shipment was made of the new boiler but delays occurred in transfers and it has not arrived yet.

New Construction - Buildings: The new stable at Old Faithful was practically completed this month. On account of the bad weather we will be unable to paint it this year.

Electrical Department: The electrical department received its house assigned to Mr. Jorgens was started in also the building under alteration. The force at the Power Plant overhauled one turbine that had been giving trouble and found about fifty pounds of grease and broken up concrete in it. No damage was apparent. The telephone crew completed the maintenance of the Upper Valleytown line and placed the line to Everlyn Pauper station on cedar poles for four miles of the distance.

Planning Department: 014 the train date [illegible], completed two new structure comfort stations consisting of 16 kinds toilets, one 5-foot urinals and 2 lavatories. Built 2,500 feet of driveways and parking area. Excavated for and laid 640 feet 6" sewer pipe. Excavated pit 100 feet x 6 feet x 11 feet for burying cans. Excavated and laid 300 feet 4-inch galvanized water pipe and built concrete valve manhole 3 x 3 x 4 feet. Completed the construction of incinerator including building 10 x 14 feet. For hot water tank and [illegible]. Completed work through and connector pipe; maintaining water and water supply; operating 3 steam boilers and 2 hot water plants; repairing [illegible] plumbing and heating systems; supervising for steam mains under new quarters, also excavating and laying 308 feet 6" sewer and 50 feet 1-1/2 S.S. water pipe.

240 - New construction - roads

The Pineola road was open for travel the last of the month. However, there is much finishing work and it will take another month for a small crew to do this work and the cleanup.

The Cargo-Tower Junction road was completed enough for the finishing and surfacing of about 1,000 feet of the road and there is about 75% of one mile of clearing to be done. This will take a small crew another month to complete. The main construction force was transferred the 25th to the Jorgens-Tower project.

Jorgens-Morris Junction project: Work was established near the 17-mile post from Jorgens and at Morris and two crews started work. The 2,000 feet re-location of the road around the 19 mile post was started, grubbed and rough cleared by and excavation was started at the bridge to improve the bridge approach. The relocation above 11+ 2nd Jorg was about 75% complete. Much hot gravel was struck during the excavation, but only one large cavity which did not give trouble half of the excavation was through soft rock and the work has been delayed some. In addition the crew on this work completed rough clearing between the 17 and 19½ mile posts and cleared for the line change. About forty men were used on this project and heavy rains. A [illegible] of labor has retarded the work this month.

Dalton Junction-Fort Valleytown project: Work has been established near the 6-mile post from Dalton Junction but only clearing, grubbing and cleared has been done so far, and this only over the proposed season's work. The steam shovel was laid up for repairs the entire month. The boiler crown sheet rusted and we had to order a new boiler from Erie, Pa. Immediate shipment was made of the new boiler but delays occurred in transfer and it has not arrived yet.

New construction - Dalton: The new shack at Old Dalton was practically completed this month. On account of the bad weather we will be unable to paint it this year.

New Construction - Trails: New trail construction not previously reported is noted as follows: Canyon Hotel to platform at Lower Falls, distance 1/4 mile; north rim of canyon to Red Rock (Grand Canyon of the Yellowstone) 1/2 mile; board walk from Fishing Bridge to the Yellowstone Lake public automobile camp, length 700 feet, and new trail along Clear Creek from east shore of Yellowstone Lake to junction with Sylvan Pass road, distance 10 miles. New construction has also included 3 saddle horse bridges on the Upper Yellowstone trail. Maintenance work has consisted of 30 miles on the Upper Yellowstone trail and 5 miles from Sportsman Lake Cabin to north boundary.

240 - Improvement of approaches to park

While I was in the Jackson Hole country I noted that the Morrison-Knudsen contract for the grading and draining of the road from Moran to connect with the main new highway through Jackson Hole which was finished last year to a point a few miles north of Jenny Lake was being moved forward with considerable expedition. There seemed to be a good many men at work on the job and considerable dirt was being moved. Good progress was made between my trip on Sept.12th and my other trip 10 days later.

I noticed also that the work which was done this year on the continuation of the new road southward from Livingston to Emigrant was completed during the month of September. It is now possible to drive from Emigrant all the way to Livingston on new, high-grade road, which has a crushed rock surface. The only sections remaining to be completed of the road between Livingston and Gardiner are those between Emigrant and Carbella, 17 miles, and between Corwin Springs and Gardiner, approximately 10 miles. It will also be necessary to construct a new bridge over the Yellowstone River at Gardiner. The bridge has been authorized to be constructed in 1928 but it is believed that sufficient funds will be found to complete the section between Emigrant and Carbella, leaving for 1929 the final section between Corwin Springs and Gardiner.

While I have not inspected the Gallatin project to the park during the month of September I understand that good progress is being made on the reconstruction of several miles of road in the neighborhood of Karsts Camp, some 25 miles above Bozeman. The work being done at this place is widening, improvement of grade and surfacing of the road built some years ago under the old 12-foot standards of the Bureau of Public Roads and Forest Service.

I know of no work in progress on the State section of the Cody road and I believe that none is in contemplation before the opening of the 1928 season. However, surveys for the reconstruction of the road from Rattlesnake Creek near the head of Shoshone Reservoir to the boundary of the Shoshone National Forest have been completed.

No advice has been received during the month of September in regard to the survey of the Red Lodge-Cooke City road. Work on the improvement of the Hoback Canyon road leading into Jackson Hole was interrupted by storms and at times the road was blocked by slides.

New Construction - Trail: The trail construction not previously reported is noted as follows: Canyon Creek to platform at Lower Falls, distance 1 1/4 miles; north rim of canyon to the Rock (Great Canyon of the Yellowstone) 1 1/2 miles; scenic walk from Fishing Bridge to the Yellowstone Lake public automobile camp, length 700 feet, and new trail along Clear Creek from east shore of Yellowstone Lake to junction with Upper Geyser Basin trail, distance 10 miles. New construction has also included 3 miles of trail on the Upper Yellowstone trail. Maintenance work has consisted of 30 miles on the Upper Yellowstone trail and 5 miles from Gardiner Lake Lodge to north boundary.

Rd - Improvement of approaches to park

While I was in the Jackson Hole country I noted that the Lewis-Madison contract for the grading and draining of the road from Moran to connect with the main new highway through Jackson Hole which was finished last year to a point a few miles north of Jenny Lake was being served forward with considerable expedition. Work seemed to be a good deal ahead of work on the job was considerably ahead of the latter end. Good progress was made between my trip on Sept.1 and my other trip 10 days later.

I noticed also that the work which was done this year on the construction of the new road southward from Livingston to Gardiner was completed during the month of September. It is now possible to drive from Livingston all the way to Livingston on a new, high-grade road, which has a crushed rock surface. The only sections remaining to be completed of the road between Livingston and Gardiner are those between Emigrant and Carbella, 17 miles, and between Corwin Springs and Gardiner, approximately 10 miles. It will also be necessary to construct a new bridge over the Yellowstone River at Gardiner. The bridge has been authorized to be constructed in 1929 but it is believed that sufficient funds will be found to complete the section between Emigrant and Carbella, leaving for 1929 the final section between Corwin Springs and Gardiner.

While I was not impressed the Gallatin project to the park during the month of September I understand that good progress is being made on the reconstruction of several miles of road in the vicinity of Jarvis Gap, some 25 miles above Bozeman. The work being done at this place is extending improvement of grade and surfacing of the road until a mile or more of the old 12-foot standard of the Bureau of Public Roads and Forest Service.

I know of no work in progress on the Park section of the Cody road and I believe that none is in contemplation before the opening of the 1929 season. However, surveys for the reconstruction of the road from Yellowstone Park near the head of Shoshone Reservoir to the junction of the Yellowstone National Forest have been completed.

No action has been received during the month of September in regard to the survey of the Red Lodge-Cooke City road. Work on the improvement of the Kirkwood Canyon road leading into Jackson Hole was interrupted by storms and at times the road was closed by slides.

Rocky Canyon Road: Acceptance by the State Highway Commission of the work on the new Bozeman-Rocky Canyon highway, a part of the Yellowstone trail to Livingston and other points east, has formally opened a long needed road to the public. The cost of the project was approximately $50,000, of which Gallatin County paid $7,000. The new highway follows the Northern Pacific right of way out of Livingston for a distance of about 5 miles to the mouth of Rocky Canyon.

Y.G.B. Line: The State Highway Commission has called for bids for the construction of four Federal aid highway projects, one of them 4.877 miles on the Wilsall-White Sulphur Springs route in Park County on the Y.G.B. line. The projects are as follows: Federal aid project No. 239 "C", grading, surfacing with crushed gravel and construction of small drainage structures on section "C" of the Wilsall-White Sulphur Springs road in Park County; Federal aid project No. 157 "B", Unit 1, grading and construction of necessary small drainage structures on section "B" of the Jordan-Miles City road in Garfield County; Federal aid project No. 207 "B", unit 1, grading and construction of small drainage structures on section "B" of the Nine Mile road in Silver Bow County; Federal aid project No. 231 "B", unit 1, grading and construction of small drainage structures on section "B" of the Missoula-Clinton road in Missoula County.

Proposed Snake River Canyon Road: Feasibility of lengthening the Roosevelt Highway from Alpine through the Grand Canyon of the Snake River was discussed at a meeting of Utah and Idaho interests at Alpine on Sept. 3. This 27 mile connecting link would not only open up some of the finest scenic country in that section but it would also provide a shorter route from Utah to Jackson Hole and Yellowstone Park than that now provided over the Yellowstone Highway.

Rocky Canyon Road: Acceptance by the State Highway Commission of the work on the new Ashton-Rocky Canyon highway, a part of the Yellowstone trail to Livingston and other points east, has formally opened a long needed road to the public. The cost of the project was approximately $50,000, of which Gallatin County paid $7,000. The new highway follows the Northern Pacific right of way out of Livingston for a distance of about 5 miles to the mouth of Rocky Canyon.

Y.G.S. Line: The State Highway Commission has called for bids for the construction of four Federal aid highway projects, one of them 4.577 miles on the Wilsall-White Sulphur Springs route in Park County on the Y.G.S. line. The projects are as follows: Federal aid project No. 239 "C", grading, surfacing with crushed gravel and construction of small drainage structures on section "C" of the Wilsall-White Sulphur Springs road in Park County; Federal aid project No. 157 "B", Unit 1, grading and construction of necessary small drainage structures on section "B" of the Jordan-Miles City road in Garfield County; Federal aid project No. 207 "B", unit 1, grading and construction of small drainage structures on section "B" of the Pine Mile road in Silver Bow County; Federal aid project No. 231 "B", unit 1, grading and construction of small drainage structures on section "B" of the Missoula-Clinton road in Missoula County.

Proposed Snake River Canyon Road: Feasibility of lengthening the Roosevelt Highway from Alpine through the Grand Canyon of the Snake River was discussed at a meeting of Utah and Idaho interests at Alpine on Sept. 3. This 27 mile connecting link would not only open up some of the finest scenic country in that section but it would also provide a shorter route from Utah to Jackson Hole and Yellowstone Park than that now provided over the Yellowstone Highway.

300 - Activities of Other Agencies in the Park

Yellowstone Park Hotel Company: (Mammoth) Finishing up laundry and engine room. Old Faithful: Working on new wing, building new girls' dormitory, painting inside of boys' dormitory, remodeling lobby of hotel and building addition to dining room. Lake: Remodeling cooks' quarters, putting in more bath space and lining room with celotex for warmth. Changed steam line to girls' dormitory, giving direct steam pressure. Canyon: Straightening wall around engine room and back of hotel, putting in new drains, necessitated an excavation 10 feet wide by 23 feet deep. Rebuilding walls and stairway and preparing for new floor in basement. Building new 28 room dormitory steam heated for men. Installing steam pipes in 225 rooms preparatory to placing radiators next spring. Placing new floors in a great many rooms, old wing.

Haynes' Picture Shops, Inc. Officers of the Haynes' Picture Shops, Inc., particularly Mr. J. E. Haynes, devoted much time during the month of September to the preparation of plans for improvements of their properties in Yellowstone Park. There were many conferences with Landscape Engineer T. C. Vint and myself during which the following proposed improvements were discussed: Large new picture shop in the Fishing Bridge auto camp grounds just east of the cafeteria, a new warehouse in the Haynes' utility group in the rear of Mammoth Hotel and an entirely new Haynes' picture shop finishing plant and general headquarters building at Mammoth Hot Springs to be located on the vacant lot immediately east of the present Haynes' picture shop. It was also proposed to remodel the present Haynes' picture shop into a residence for Mr. and Mrs. Haynes, and when this is completed it is proposed to tear down the old Haynes' residence, one of the oldest buildings in the park and one that has been added to a great many times. Plans for the Fishing Bridge picture shop, the remodeling of the Mammoth picture shop for a residence and for the warehouse have already been approved by the Landscape Department, by the Director and by myself, and on the 1st of October construction work was started on the Fishing Bridge building.

Yellowstone Park Camps Company. During the month of September work was continued on the improvements at Old Faithful, Lake and Canyon Lodges. The Old Faithful Lodge is undergoing very extensive improvements, the work being done by Teufel & Carlson, contractors. The recreation hall was practically finished at the end of August and the old lobby and amusement hall was torn down about September 1st. In fact, the razing of this building was begun a day or two after the President was at Old Faithful, August 24th. The new building, which is one of the most attractive in the park, was started immediately and at the end of the month of September was nearing completion. The roof was on, the doors and windows in place and the workmen were about ready to lay the top flooring. The architecture of this new building, which embraces also the new dining room which was built in 1923, is most attractive. It combines large stone pillars with immense fir logs and the effect is very pleasing to the eye. These new lodge buildings are very large and it is believed that it will not be necessary to extend them for many years to come. The recreation hall is one of the largest buildings in the park. A considerable number of new wooden cabins were also built in the Old Faithful Lodge section. These are to be equipped with the new type of furniture with twin beds. At the present time there is not a tent left in the Old Faithful Lodge. The tents that were replaced by cabins were moved into the Old Faithful Camp grounds housekeeping unit. There will

Yellowstone Park Lumber Company: (Mammoth) finishing up lumber and engine room. Old Faithful: Working on new shop, building new girls' dormitory, painting inside of boys' dormitory, remodeling lobby of hotel and building additions to dining room. Lake: Remodeling boys' dormitory, putting in more bath space and linen room with cubicles for maids. Canyon: steam line to girls' dormitory, giving direct steam pressure. Canyon: Strained tanning well around engine room and back of hotel, putting in new trellis, removed total excavation in left side by 25 feet deep. Building well and stairway and preparing for new floor in basement. Building new 20 room dormitory steam heated for men. Installing steam plant in 25 room dormitory to replace radiators now existing. Flooring new floor in a great deal of new wing.

Haynes' Photo Shop, Inc. Officers of the Haynes' Photo Shop, Inc., particularly Mr. J. E. Haynes, reported with the Park the month of September to the presentation of plans for improvements of their properties in Yellowstone Park. There were many conferences with Landscape Engineer T. C. Vint and special design work the following proposed improvements were discussed: Large new photo shop in the Fishing Bridge with only present just east of the cafeteria, a new warehouse in the Haynes' waiting group in the rear of Lunch Room and an existing new Haynes' photo shop building plant and general headquarters building at Mammoth but proposed to be located on the vacant lot immediately east of the present Haynes' photo shop. It was also proposed to remodel the present Haynes' photo shop into a residence for Mr. and Mrs. Haynes, and when this is completed it is proposed to tear down the old Haynes' residence, one of the oldest buildings in the Park and one that has been added to a great many times. Plans for the Fishing Bridge photo shop, the remodeling of the Mammoth photo shop for a residence and for the warehouse have already been submitted by the Landscape Department, by the Director and by myself, and as the last of October construction work was started on the Fishing Bridge building.

Yellowstone Park Lodge Company. During the month of September work was continued on the improvements at Old Faithful, Lake and Canyon Lodges. The old Faithful Lodge is undergoing very extensive improvements, the work being done by Yerkes & Carlson, contractors. The reconstruction hall was practically finished at the end of August but the old lobby and basement hall was torn down about September 1st. In fact, the razing of this building was begun a day or two after the President was at Old Faithful, August 31st. The new building, which is one of the most attractive in the park, was started immediately and at the end of the month of September was nearing completion. The roof was on, the floors and windows in place and the workmen were about ready to lay the top flooring. The ground floors of this new building, which surrounds also the new dining room which was built in 1929, is most attractive. It combines large stone pillars with lumbers for logs and the effect is very pleasing to the eye. These new Lodge buildings are very large and it is believed that it will not be necessary to extend them for many years to come. The reconstruction hall is one of the largest buildings in the park. A considerable number of new modern baths are also built in the Old Faithful Lodge section. These are to be equipped with the new type of furniture with tub bath. At the present time there is not a tub left in the Old Faithful Lodge. The tubs that were replaced by cabins were moved into the old Faithful Camp grounds housekeeping unit. There will

be considerable over 100 tents and tent cabins in the housekeeping unit at Old Faithful next year. At Lake Lodge work of building new cabins was continued during September and the construction crew is not moved until the end of the month. At Canyon an extension was built on the Curio Shop wing of the main lodge and until the end of the month part of the construction crew continued working on the building of new wooden cabins. At the present time nearly all of the tents have been removed from the Canyon Lodge but there are a few left. Many minor improvements were made by the Camps Company in their housekeeping units and about their lodges but it is hardly necessary to describe them in detail in this report.

be considerable over 100 tents and tent cabins in the housekeeping unit at Old Faithful next year. At Lake Lodge work of building new cabins was continued during September and the construction crew is not moved until the end of the month. At Canyon an extension was built on the Curio Shop wing of the main lodge and until the end of the month part of the construction crew continued working on the building of new wooden cabins. At the present time nearly all of the tents have been removed from the Canyon lodge but there are a few left. Many minor improvements were made by the Camps Company in their housekeeping units and about their lodges but it is hardly necessary to describe them in detail in this report.

400 - Flora, fauna and natural phenomena

410 - Ranger, naturalist and guide service

There was very little change in the summer season schedule of ranger duties prior to the official closing date of the tourist season (September 20th). These duties consisted principally of guide, lecture, information and other services to the public as outlined in previous reports. Transfers of men, equipment and transportation of supplies to winter stations were in progress during the last ten days of the month; this work has not been as nearly accomplished, however, as during previous Septembers on account of unavoidable delay in filling vacancies in the permanent ranger personnel. The Civil Service list of eligibles was not available until late in the month and several of the men selected for appointment cannot report for duty until on or after October 15th. Our fall season work has been materially delayed for the reasons stated but it is hoped that all winter stations and snowshoe cabins will be fully rationed and equipped before November 1st. Special wild animal patrols in the Upper Yellowstone District became effective on September 15th. These patrols will be made daily for a period of 60 days terminating on November 15th, which marks the close of the hunting season in Wyoming on areas adjacent thereto. The purpose of these patrols is to provide full and complete protection to all wild animals within the park, to prevent trespasses by hunters on park lands and to cooperate with the State Game Department of Wyoming and Forest Service officials in the enforcement of law and Department regulations on areas bordering the park. Rangers will cooperate in like manner with the Forest Service and with law enforcement officials of Montana and Idaho and boundary patrols will be effective daily as follows: North boundary, October 15th to December 20th; West boundary (West Yellowstone-Gallatin District) October 15th to November 15th; West and south boundaries (Bechler River district); October 1st to 31st and December 1st to 15th.

Chief Ranger Woolring has been in charge of all Protection department activities and personnel throughout the month, except that he left the park on official business on the afternoon of the 29th returnable at the close of October 9th.

Assistant Chief Ranger Trischman has been in charge of telephone construction consisting of a 30-mile extension from a point near the ten mile post on the Lake to Sylvan Pass road to the Upper Yellowstone Cabin. This new line parallels the trail along the east shore of Yellowstone Lake and phones have been installed at the Park Point and Cabin Creek Cabins. Repairs were also made to roofs, flooring and windows at these cabins. The trail was repaired throughout its entire length of 30 miles and 3 new saddle horse bridges were built over streams crossed by the trail. The Sportsman Lake cabin was also repaired late in the month, the repairs consisting principally of new flooring and replacements for the old window frames and sashes that were weather worn and decayed. The trail was also repaired from the north boundary to Sportsman Lake cabin, distance 5 miles.

Assistants Chief Ranger Douglas and Liek were in charge of the various fall season activities in their respective supervisory territories, consisting of brush burning, general cleanup, removal and storage of signs and other Government property, placing winter supplies of forage at stations

40 - Fires, flood and natural phenomena

40 - Ranger, reservists and aids service

There was very little change in the manpower commitments of ranger-aides prior to the official closing date of the tourist season (September 20th). These duties consisted principally of guide, interpretation and other services to the public as outlined in previous reports. Transport of men, equipment and transportation of supplies to winter stations were in progress during the last ten days of the month; this work has not been as nearly accomplished, however, as during previous seasons on account of unavoidable delay in filling vacancies in the permanent ranger personnel. The civil service list of eligibles was not available until late in the month and several of the men selected for appointment cannot report for duty until on or after October 15th. Our full complement cannot be made materially delayed for the reasons stated but it is hoped that all winter stations and travelling outfits will be fully manned and equipped before November 1st. Special aids animal patrols in the Upper Yellowstone District become effective on September 15th. These patrols will be made daily for a period of 60 days terminating on November 15th, going north the close of the hunting season in Montana adjacent thereto. The purpose of these patrols is to provide full and complete protection to all wild animals within the park, to prevent trespassers by hunters on park lands and to cooperate with the State Game Department of Montana and Forest Service officials in the enforcement of law and department regulations on areas bordering the park. Rangers will cooperate in like manner with the Forest Service and with law enforcement officials of Montana and Idaho and boundary patrols will be effective daily as follows: North boundary, October 15th to December 20th; West boundary (West Yellowstone-Gallatin District) October 15th to December 15th; East and south boundaries (Snake River District); October 1st to 31st and December 1st to 15th.

Chief Ranger Hartley has been in charge of all protection department activities and personnel throughout the month, except that he left the park on official business on the afternoon of the 25th returnable at the close of October 9th.

Assistant Chief Ranger Erickson has been in charge of telephone construction consisting of a 30-mile extension from a point near the Gem mine post on the Lake to Sylvan Pass road to the Upper Yellowstone Basin. This line parallels the trail along the east shore of Yellowstone Lake and phones have been installed at the Park Point and Bridge Creek Ranger Stations. Repairs were also made to roofs, flooring and windows at these stations. The trail was repaired throughout its entire length of 30 miles and 3 new mountain horse bridges were built over streams crossed by the trail. The Southeastern Lake cabin was also repaired late in the month, the repairs consisting principally of new flooring and replacements for the old window frames and sashes that were weather worn and decayed. The trail was also repaired from the north boundary to Southeastern Lake again, distance 3 miles.

Assistant Chief Ranger Douglas and Lint were in charge of the various fall season activities in their respective supervisory territories, consisting of brush burning, general cleanup, removal and storage of signs and other Government property, placing winter supplies at Fireplace at stations

and cabins requiring pack horse transportation and providing all stations and cabins with firewood.

Assistant Chief Ranger Greer has been in charge of the detail work of the Chief Ranger's office; the preparation of statistical data for the annual, season and monthly reports has required most of his time during the last half of the month. Other duties in connection with terminations of service of summer season rangers, correspondence with applicants for permanent ranger appointments, correspondence relative to shipments of buffalo and elk and other miscellaneous matters have contributed to the sum total of one of the busiest months of the year. He has been designated Acting Chief Ranger during the absence of Chief Ranger Woodring on an official trip to Grand Canyon and Zion National Parks.

Nature and Formation Guide Service: Ranger guides conducted parties, on regular schedules, over the formations at Mammoth Hot Springs and Upper Geyser Basin. Nature study hikes were discontinued early in the month on account of the decrease of tourist travel and early terminations of services of ranger naturalists assigned to this work.

Detailed reports of the activities for the season are noted as follows:

1927

Formation Guide Parties:	June	July	August	Sept.	Season Total
Old Faithful Hotel	1429	4437	5488	795	12149
Old Faithful Camp	2111	8253	6821	1010	18195
	3540	12690	12309	1805	30344
Mammoth Hotel	406	1909	2551	681	5547
Mammoth Camp	1090	2616	3204	41	6951
	1496	4525	5755	722	12498
Grand total, formation guide parties.....	5036	17215	18064	2527	42842

Nature Study Parties:					
Old Faithful District	165	1183	1169	64	2581
Lake District	425	2405	2465	--	5295
Tower Falls District	48	396	619	--	1063
Mammoth District	84	604	437	--	1125
Grand total, nature study parties.....	722	4588	4690	64	10064

Compare the foregoing with the guide service report for the season of 1926:

and moline repairing work before transportation and providing all stations and dining-cars firewood.

Assistant Chief Ranger Greer has been in charge of the detail work of the Chief Ranger's office, the preparation of statistical data for the annual, weekly and monthly reports has required most of his time during the last half of the month. Ranger Miller is connection with correlating of service of summer season rangers, correspondence with applicants for permanent appointments, correspondence relative to shipments of supplies and his other miscellaneous duties have been contributed to the new total of men of the highest months of the year. He has been designated acting Chief Ranger during the absence of Chief Ranger Goodrich on an official trip to Great Falls and Glacier National Park.

Lakes and Trailing Guide Service: Ranger guides conducted parties on regular schedules, over the trail lines at Lakes St. Mary, Upper and Lower Two Medicine. Nature study classes were discontinued early in the month on account of the decrease of tourist travel and early terminations of services of ranger naturalists assigned to this work.

Detailed reports of the activities for the season are noted as follows:

1927

Transportation Guide Service:	June	July	August	Sept.	Season Total
Old Faithful Motor	1,[illegible]	4,[illegible]7	4,[illegible]6	755	12,149
Old Faithful Camp	311	5,[illegible]3	5,[illegible]2	1,010	10,[illegible]5
	3,140	12,[illegible]0	12,[illegible]9	1,[illegible]5	30,144
Lake Motor	906	1,[illegible]9	2,[illegible]1	681	5,[illegible]7
Lake Camp	1,[illegible]0	2,[illegible]0	3,[illegible]4	41	6,[illegible]1
	1,[illegible]6	4,[illegible]9	5,[illegible]5	722	12,[illegible]8
Grand total, transportation guide service.....	5,[illegible]6	17,215	18,[illegible]4	2,[illegible]7	42,[illegible]2

Nature Study Service:					
Old Faithful District	15[illegible]	11[illegible]	11[illegible]9	64	2,[illegible]1
Lake District	[illegible]	[illegible]	2,[illegible]5	--	2,[illegible]
Upper Falls District	4[illegible]	7[illegible]6	[illegible]19	--	1,[illegible]3
Lakes District	84	1,[illegible]1	1,[illegible]7	--	1,[illegible]
Grand total, nature study service.....	7[illegible]	2,[illegible]	4,[illegible]0	64	1,[illegible]4

Compare the foregoing with the guide service report for the season of 1926:

1926

Formation Guide Parties	June	July	Aug.	Sept.	Season total
Old Faithful Hotel	1272	7090	7340	977	16679
Old Faithful Camp	1765	6771	6792	913	16241
Mammoth Hotel	416	1786	1547	248	3997
Mammoth Camp	518	2065	2175	303	5061
Grand total, formation guide parties	3971	17712	17854	2441	41978

Nature Study Parties:					
Mammoth District	488	1135	815		2438
Tower Falls District	113	524	525	31	1193
Madison Junction Dist.	---	1003	481	--	1484
Yellowstone Lake Dist.	656	3779	2557	—	6992
Dr. Conard, at large	---	298	779	11	1088
Grand total, nature study parties.....	1257	6739	5157	42	13195

Lecture Service: Report of attendance at lectures this season at Mammoth Hot Springs, Old Faithful, Yellowstone Lake, Canyon and Tower Falls on schedules outlined in previous reports are noted as follows:

1927

Place	June	July	Aug.	Sept.	Total
Mammoth District					
Hotel	1077	5600	6320	1645	14642
Lodge	1255	7990	11190	478	20913
Public auto camp	1150	6050	4860	---	12060
	3482	19640	22370	2123	47615
Old Faithful District					
Bear feeding ground	7400	32050	29550	3425	72425
Public auto camp	4408	16320	14308	1500	36536
Hotel	1581	7225	8365	435	17606
	13389	55595	52223	5360	126567
Yellowstone Lake Dist.					
Lodge & public auto camp	2535	9055	7265	----	18855
Canyon District					
Bear feeding ground	1185	10550	7500	1350	20585
Tower Falls District					
Camp Roosevelt	60	600	1387	----	2047
Grand total in attendance at lectures	20651	95440	90745	8833	215669

1 9 2 6

Operation during fiscal year	July	Aug.	Sept.	Year's total
Old Portland Road	1,272	950	1,240	977	4,439
Old Salem Road	1,363	677	1,132	713	4,885
Beaver Road	426	1,485	1,347	448	3,706
Beaver Creek	317	205	213	307	1,042
Grand total, operations public works	3,377	3,317	4,932	2,441	13,972

Future road construction:

Beaver District	480	1,135	840		2,455
Lower Willa District	1,13	980	395	31	1,371
Salem Junction Dist.	---	1,023	480	--	1,483
Yellowstone Lake Dist.	690	3,113	2,317	—	6,120
Or. Grange, at large	---	208	170	11	1,488
Grand total, future road permits	1,273	6,139	3,317	42	13,771

Lastly comes service: Report of accomplishments at institutions this season at Oregon Agricultural College, Old Soldiers', Reformatory, Industrial School, Oregon and Lower Willa on substantial improvements in previous reports are shown as follows:

1 9 2 7

Place	June	July	Aug.	Sept.	Total
Oregon Agricultural College					
Dairy	1,077	980	6,320	1,915	14,412
Lodge	1,215	1,290	1,130	410	4,115
Public auto camp	1,150	1,030	980	---	3,160
Old Soldiers' Home	3,462	3,300	22,370	2,325	31,613
Stock feeding ground	1,400	950	3,570	1,420	7,340
Public auto camp	4,368	1,630	1,400	1,100	8,498
Hotel	1,180	1,200	1,515	415	4,310
	12,400	8,980	35,235	5,280	62,895
Yellowstone Lake Dist.					
Lodge & public auto camp	2,345	1,450	1,680	----	5,475
Lower Willa					
Stock feeding ground	1,180	3,320	1,500	1,910	8,910
Upper Willa District					
Dump improvement	40	800	1,300	----	2,140
Grand total in extension work at institutions	20,931	15,440	40,145	8,531	84,049

Compare the following with the ranger lecture service report for the season of 1926:

Place	June	July	Aug.	Sept.	Total
Mammoth Hot Springs	3947	25950	23760	2642	56299
Old Faithful	1457	26505	24205	2685	54852
Yellowstone Lake	2390	8222	8955	----	19567
Canyon	2946	6240	4982	----	14168
Tower Falls	50	140	525	68	783
Dr.Conard, at large	—	1060	1173	—	2233
Grand total, estimated attendance at	10790	68117	63600	5395	147902

420 - Museum Service

There were 3445 visitors at the museum and information office during the month as compared with 2525 during September last year and 2162 during September 1925. The season report by months is as follows: June 5500, July 22,636, August 25857 and September 3445, total 57438, as compared with 4267 in June, 13288 in July, 12814 in August and 2525 in September last year, total 32894.

Publications: One hundred and one thousand three hundred and thirty free Government publications were distributed at the Information Office and ranger stations during the season, and 5906 Government publications, including 1486 portfolios were sold as compared with 106,649 free Government publications distributed and 6636 Government publications, including 1058 portfolios, sold last year. In addition, 858 books of other publishers were sold as compared with 1027 last year and 1187 during the season of 1925. The free Government literature consisted of the following:

Figures for 1925-26 and 27 comparative

Title	1925	1926	1927
Rules and regulations	27970	44784	34645
Manuals for Motorists	24100	27165	34259
Manuals for Rail Visitors	39000	34700	32426
Totals	91070	106649	101330

The sales report of the Information Office with comparative figures for the season last year is given in detail as follows:

Compare the following with the ranger lecture service report for the season of 1926:

Place	June	July	Aug.	Sept.	Total
Mammoth Hot Springs	3947	25950	29760	2642	56299
Old Faithful	1487	26503	24205	2685	54852
Yellowstone Lake	2590	8222	8953	----	19567
Canyon	2946	6240	4982	----	14158
Lower Falls	50	140	525	68	783
Dr. Coquard, at large	--	1060	1173	--	2233
Grand total, estimated attendance at	10790	68117	65600	5395	147902

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Publications: One hundred and one thousand three hundred and thirty free Government publications were distributed at the Information Office and ranger stations during the season, and 5906 Government publications, including 1485 portfolios were sold as compared with 106,649 free Government publications distributed and 6696 Government publications, including 1058 portfolios, sold last year. In addition, 258 books of other publishers were sold as compared with 1027 last year and 1187 during the season of 1925. The free Government literature consisted of the following:

Figures for 1925-26 and 27 comparative

Title	1925	1926	1927
Rules and regulations	27970	44784	34645
Manuals for Motorists	24100	27165	34259
Manuals for Rail Visitors	39000	34700	32426
Totals	91070	106649	101330

The sales report of the Information Office with comparative figures for the season last year is given in detail as follows:

Publication	1926 Amount	1926 Value	1927 Amount	1927 Value
Bulletin A611	29	$ 15.50	8	8.00
Bulletin B 612	26	13.00	14	7.00
Fishes	411	20.55	398	19.90
Fossil Forests	1242	124.20	979	97.90
Geysers	1623	162.30	1313	131.30
Geological History	1924	192.40	1479	147.90
Portfolio	1058	1058.00	1486	1486.00
Panoramic views	29	7.25	—	--
U.S.G.S.Maps	294	73.50	229	57.25
	6636	1666.70	5906	1955.25
American Antelope	27	8.10	41	12.30
Chittenden, Yellowstone N.P.	84	207.50	68	170.00
Bears of the Yellowstone	26	65.00	11	27.50
Bird Bulletin	60	60.00	51	51.00
Nature Book	53	132.50	15	37.50
James Bridger	7	70.00	10	100.00
Haynes' Guide	297	222.75	439	329.25
Langford's Yellowstone N.P. $1.50	32	48.00	19	28.50
Langford's " " .75	88	66.00	71	53.25
Trees and Flowers	110	82.50	85	63.75
Trees and Shrubs ($.75)	15	11.25	15	11.25
Trees and Shrubs ($.50)	40	20.00	33	16.50
Foolish Questions	69	34.50	00	—
Truthful Lies	67	33.50	--	—
My Winter in Geyserland	14	7.00		
White Bar Elk	39	5.85		
	1028	1074.45	858	900.80
Total all sales Government, miscellaneous	7664	2741.15	6764	$2856.05

Publication	1926 Amount	1926 Value	1927 Amount	1927 Value
Bulletin A611	29	$ 15.50	0	8.00
Bulletin B 612	26	13.00	14	7.00
Fishes	411	20.55	398	19.90
Fossil Forests	1242	124.20	979	97.90
Geysers	1623	162.30	1313	131.30
Geological History	1924	192.40	1479	147.90
Portfolio	1058	1058.00	1486	1486.00
Panoramic views	29	7.25	--	--
U.S.G.S. Maps	294	73.50	229	57.25
	6636	1666.70	5906	1955.25
American Metalope	27	8.10	41	10.50
Chittenden, Yellowstone N.P.	84	207.50	68	170.00
Scars of the Yellowstone	26	65.00	11	27.50
Bird Bulletin	60	60.00	51	51.00
Nature Book	53	132.50	15	37.50
James Bridger	7	70.00	10	100.00
Haynes' Guide	297	222.75	439	329.25
Langford's Yellowstone N.P. $1.50	32	48.00	19	28.50
Langford's " " .75	88	66.00	71	53.25
Trees and Flowers	110	82.50	85	63.75
Trees and Shrubs (.75)	15	11.25	15	11.25
Trees and Shrubs (1.50)	40	20.00	33	16.50
Foolish Questions	69	34.50	60	—
Fruitful Lies	67	33.50	--	---
My Visits in Wyoming	14	7.00		
White Bar Mix	39	5.85		
	1028	1074.45	858	900.80
Total all sales Government, miscellaneous	7664	2741.15	6764	$2856.05

430 - Zoo at Buffalo Corral

Approximately 46,450 people visited the buffalo corral and zoo during the season as compared with 44,025 last year, and 40,670 during the season of 1925. The buffalo show herd consisting of 15 selected bulls from the Lamar River herd, the captive bear, calf, elk, antelope kid and fawn were the principal attractions at this point.

440 - Insect Control

There was no forest insect control work in progress during the month. Several small areas of infested trees along the loop road have been designated by Dr. H. E. Burke of the Bureau of Entomology for treatment this fall or at the earliest practicable date next spring. Most of the work will be done this fall if weather conditions permit. Forest insect conditions in this park have materially improved during the past year and it is hoped that spraying will not be necessary after next year.

470 - Animals

Wild animal conditions are good, the forage crop is excellent, and a normal tonnage of hay is available for winter use.

Elk: A moderate drift from the summer elk range occurred late in the month. These movements were a few days in advance of the early October snowfall on the higher elevations. A band of 150 moved down from the Pebble Creek district to the Slough Creek meadows. Another band of 200 has recently moved down along Geode Creek on the slopes overlooking the Yellowstone, and approximately 300 are now ranging the north slope of Sepulchre Mountain in the immediate vicinity of Gardiner. Curiously there have been no appearances of either elk or deer on the lawns and plaza at park headquarters. The actual counts and estimates at the close of February 1927 totaled 17,347. The latest count of the Jackson Hole herd secured in the spring of 1927, by representatives of the Forest Service, Biological Survey and State of Wyoming was reported as amounting to a total of 19,238.

Buffalo - Lamar River herd: The herd total of record on September 1st consisted of 228 bulls, 176 steers, 411 cows and heifers and 121 calves, total 936. Reductions in the herd total occurred during the month as follows:

Shipped to Mr. Spencer Penrose of Colorado Springs, Colorado:

7 cows, 2 bulls and 1 steer (young stock)..... 10

Delivered to Mr. Dow Williams of Idaho Falls, Idaho:

2 cows, transported by truck from Buffalo Ranch to destination..... 2

Total 12

The herd total of record at the close of the month consists of 226 bulls, 175 steers, 402 cows and heifers and 121 calves.

450 - Zoo at Buffalo Corral

Approximately 46,450 people visited the buffalo corral and zoo during the season as compared with 44,025 last year, and 10,670 during the season of 1925. The buffalo show herd consisting of 15 selected bulls from the Lamar River herd, the captive deer, calf, elk, antelope kid and fawn were the principal attractions at this point.

460 - Insect Control

There was no forest insect control work in progress during the month. Several small areas of infected trees along the loop road have been designated by Dr. E. L. Sorde of the Bureau of Entomology for treatment this fall or at the earliest practicable date next spring. Most of the work will be done this fall if weather conditions permit. Forest insect conditions in this park have materially improved during the past year and it is hoped that spraying will not be necessary after next year.

470 - Animals

Wild animal conditions are good, the forage crop is excellent, and a normal tonnage of hay is available for winter use.

Elk: A moderate drift from the summer elk range occurred late in the month. These movements were a few days in advance of the early October snowfall on the higher elevations. A band of 150 moved down from the Pebble Creek district to the Slough Creek meadows. Another band of 200 has recently moved down along Goode Creek on the slopes overlooking the Yellowstone, and approximately 300 are now ranging the north slope of Sepulchre Mountain in the immediate vicinity of Gardiner. Curiously there have been no appearances of either elk or deer on the lands and plains at park headquarters. The actual counts and estimates at the close of February 1927 totaled 17,347. The latest count of the Jackson Hole herd secured in the spring of 1927, by representatives of the Forest Service, Biological Survey and State of Wyoming was reported as amounting to a total of 19,236.

Buffalo - Lamar River herd: The herd total of record on September lat consisted of 226 bulls, 176 steers, 411 cows and heifers and 121 calves, total 936. Reductions in the herd total occurred during the month as follows:

Shipped to Mr. Spencer Penrose of Colorado Springs, Colorado:

7 cows, 2 bulls and 1 steer (young stock)..... 10

Delivered to Mr. Dow Williams of Idaho Falls, Idaho:

2 cows, transported by truck from Buffalo Ranch
to destination..... 2
Total 12

The herd total of record at the close of the month consists of 226 bulls, 175 steers, 402 cows and heifers and 121 calves.

Numerous inquiries have been received concerning the disposal of surplus buffalo, and on authority of the Director arrangements are now being made for a shipment of 12 on or about October 15th. Herd conditions are excellent at this time.

Buffalo - Cold Creek-Pelican Creek herd: The largest count of this herd secured in recent years was submitted in December 1926. The total of this count was 72 which shows an increase of 7 by actual count over the counts submitted in 1925. The herd total is estimated at 125.

Bears - Black and Brown: Maximum counts of the bears of this species as submitted in the July and August reports give a total of 174. The estimated total for the entire park area is 275.

Bears - grizzly: Maximum counts of the bears of this species as submitted in the July and August reports give a total of 74. The estimated total for the entire park area is 100.

The bears have been unusually troublesome since the close of the tourist season, particularly at road camps in the Yellowstone Lake and Canyon districts. Their nightly raids on cook shacks and other places where provisions are kept has required the employment of night guards as a measure of protection. Their increasing boldness and lack of fear may require some degree of punishment calculated to command respect, but it is not regarded as necessary to resort to any measure of defense that would be likely to maim or otherwise seriously injure them.

Mountain sheep: Actual counts submitted during the winter and spring seasons gave a total of 346 as compared with 217 in 1926 and 125 in 1925. The estimated total in the entire park area is 650. No losses are known to have occurred in recent months and herd conditions are good.

Antelope: The largest count of recent years was secured last spring, the total at that time being 641 as compared with 497 in the spring of 1926 and 417 in the spring of 1925. The annual increase this year should bring the herd total to approximately 700. Herd conditions are excellent and no losses are known to have occurred in recent months. Several small bands have recently appeared on the slopes of Mts. Everts and Sepulcher and on the Park Service hay field at Gardiner.

Deer: The largest count secured during the winter and spring seasons was 683 as compared with 798 in 1926 and 602 in 1925. There is an estimated total of 1875 mule deer in the park and at nearby points along the Yellowstone and Gallatin Rivers. A loss of only one is known to have occurred in recent months. This loss consisted of a very old doe that was killed by a predatory animal at a point near park headquarters late in the month.

Moose: The largest count of the past winter season was submitted in November 1926. The total of this count was 73 which does not compare favorably with the maximum count of 103 submitted during the previous winter season and 170 during the winter of 1924-25. They are more generally distributed, however, over the entire park area than ever before and although there has been an apparent decrease during the past two years there is believed to

Numerous inquiries have been received concerning the disposal of surplus buffalo, and on authority of the Director arrangements are now being made for a shipment of 12 or 15 about October 15th. Herd conditions are excellent at this time.

Buffalo - Gold Creek-Pelican Creek herd: The largest count of this herd secured in recent years was submitted in December 1926. The total of this count was 71 which shows an increase of 7 by actual count over the counts submitted in 1925. The herd total is estimated at 125.

Bears - black and brown: Maximum counts of the bears of this species as submitted in the July and August reports give a total of 174. The estimated total for the entire park area is 275.

Bears - grizzly: Maximum counts of the bears of this species as submitted in the July and August reports give a total of 74. The estimated total for the entire park area is 100.

The bears have been unusually troublesome since the close of the tourist season, particularly at road camps in the Yellowstone Lake and Canyon districts. Their mightily raids on cook shacks and other places where provisions are kept has required the employment of night guards as a measure of protection. Their increasing boldness and lack of fear may require some degree of punishment calculated to command respect, but it is not regarded as necessary to resort to any measure of defense that would be likely to main or otherwise seriously injure them.

Mountain sheep: Actual counts submitted during the winter and spring seasons gave a total of 546 as compared with 217 in 1926 and 125 in 1925. The estimated total in the entire park area is 650. No losses are known to have occurred in recent months and herd conditions are good.

Antelope: The largest count of recent years was secured last spring, the total at that time being 641 as compared with 497 in the spring of 1926 and 417 in the spring of 1925. The annual increase this year should bring the herd total to approximately 700. Herd conditions are excellent and no losses are known to have occurred in recent months. Several small bands have recently appeared on the Mount of Mts. Everts and Sepulcher and on the Park Service hay field at Gardiner.

Deer: The largest count secured during the winter and spring seasons was 603 as compared with 730 in 1926 and 602 in 1925. There is an estimated total of 1075 mule deer in the park and at nearby points along the Yellowstone and Gallatin Rivers. A loss of only one is known to have occurred in recent months. This loss consisted of a very old doe that was killed by a predatory animal at a point near park headquarters late in the month.

Moose: The largest count of the past winter season was submitted in November 1926. The total of this count was 73 which does not compare favorably with the maximum count of 104 submitted during the previous winter season and 130 during the winter of 1924-25. They are more generally distributed, however, over the entire park area than over before and although there has been an apparent decrease during the past ten years there is believed to

have been a moderate increase in the total number of moose in the park. There is an estimated total of 600 in the park at this time. No losses are known to have occurred in recent months.

Small Animals: There is nothing of interest to report concerning beaver or other small animals at this time.

Predatory Animals: Two hundred and thirty eight coyotes were destroyed during the past winter season as compared with 243 during the winter of 1925-6 and 180 during the winter of 1924-5. Very few were seen by rangers on patrol during the summer season but their appearance on the meadows along the loop road late in September exceed in point of numbers the reports of the past several years. Very few wolf or lion signs were observed during the past year. Predatory animal control work will be carried on as usual under the supervision and direction of the Chief Park Ranger.

Dogs: One thousand eight hundred and twenty-two dogs were admitted at park gateways during the season as compared with 2230 during the season of 1926 and 1948 during the season of 1925. The admission of dogs at entrance stations is subject to the condition that they be kept on leash or crated at all times while within the park.

Fishing: Reports from exit stations show a total of 3927 fish taken from the lakes and streams of the park during the month, which, together with 44,376 previously reported makes a season total of 48,303 (total catch reported by auto visitors at exit stations), as compared with 57,600 during the season of 1926 and 45,239 during the season of 1925. This report does not include the catch by rail tourists or of persons residing in the park. The total catch by all visitors and by persons residing in the park is estimated at 78,000 as compared with 87,000 last year and 75,000 during the season of 1925. The early season catch this year was materially less than last year on account of late flood water conditionsin the lakes and streams.

Fish Planting: Fish planting activities during the year are reported in detailmas follows:

Total collection of black spotted trout eggs from park waters,		13,313,000
Eyed eggs planted in park waters	1,280,000	
Fingerlings planted in park waters	3,833,000	
Shipments to points outside the park	5,983,000	
Loss on eggs and fry	2,217,000	
Total	13,313,000	

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Small Animals: There is nothing of interest to report concerning beaver or other small animals at this time.

Predatory animals: Two hundred and thirty eight coyotes were destroyed during the past winter season as compared with 245 during the winter of 1925-6 and 180 during the winter of 1924-5. Very few were seen by rangers on patrol during the summer season and their appearance on the meadows along the loop road late in September exceed in point of numbers the reports of the past several years. Very few wolf or lion signs were observed during the past year. Predatory animal control work will be carried on as usual under the supervision and direction of the United Park Ranger.

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Fingerlings planted in park waters	3,833,000	
Stigmatic in points outside the park	5,985,000	
Lost on eggs and fry	2,217,000	
Total	15,313,000	

Shipments to points outside the park were made as follows:

State of Washington	2,130,000
" " Oregon	500,000
" " Montana	1,156,000
" " Colorado	356,000
" " Wyoming	950,000
" " Idaho	75,000
" " California	151,000
" " Utah	150,000
Lincoln Park, Chicago, Ill.	15,000
Banff, Alberta, Canada	500,000
Total	5,983,000

The plants within the park were made in the following lakes and streams:

Arnica Creek
Aster "
Beaverdam Creek
Bridge Creek
Campanula Creek
Cascade Creek
Chipmunk Creek
Clear Creek
Columbine Creek
Cougar Creek
Crawfish Creek
Fish Lake Creek
Grayling Creek
Grouse Creek
Hatchery Creek
Pebble Creek
Pelican Creek
Soda Butte Creek
Spring Creek

Cooke City Lakes
Gallatin Lake
Mallard Lake
Squaw Lake
Sylvan Lake
Buck Lake
Flat Mountain Arm

Thumb Creeks
Cub Creeks
Duck Creek
Cache Creek
Transportation Creek
Long Creek

Firehole River
Gibbon River
Streams E E
Streams WE

The total of all plants within the park are otherwise classified as follows:

Black spotted trout hatched from eggs collected in park waters	5,113,000
Brook trout received from Bozeman, Montana, hatchery	37,750
Rainbow trout received from Bozeman, Montana, hatchery	52,500
Rainbow trout received from Saratoga, Wyoming, hatchery	16,000
Total of all plants in park waters this year.....	5,219,250

Shipments to points outside the park were made as follows:

State of Washington	2,130,000
" " Oregon	500,000
" " Montana	1,156,000
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" " Wyoming	350,000
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" " Utah	150,000
Lincoln Park, Chicago, Ill.	15,000
Banff, Alberta, Canada	500,000
Total	5,983,000

The plants within the park were made in the following lakes and streams:

Arnica Creek	Cooke City Lakes	Firehole River
Aster "	Gallatin Lake	Gibbon River
Beaverdam Creek	Mallard Lake	Streams D &
Bridge Creek	Squaw Lake	Streams VE
Campanula Creek	Sylvan Lake	
Cascade Creek	Buck Lake	
Chipmunk Creek	Flat Mountain Arm	
Clear Creek		
Columbine Creek	Thumb Creeks	
Cougar Creek	Cub Creeks	
Crawfish Creek	Buck Creek	
Fish Lake Creek	Cache Creek	
Grayling Creek	Transportation Creek	
Grouse Creek	Long Creek	
Hatchery Creek		
Pebble Creek		
Pelican Creek		
Soda Butte Creek		
Spring Creek		

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Rainbow trout received from Saratoga, Wyoming, hatchery	16,000
Total of all plants in park waters this year.....	5,219,250

Migratory Birds: Ducks and geese are abundant on all the lakes and streams. Swans are frequently seen along the Yellowstone and Firehole Rivers and Sand hill cranes have been nesting in the Norris, Fountain, and Bechler Districts. Counts of waterfowl are now submitted on a fixed date each month of the year to the Bureau of Biological Survey, Washington, D.C.

Buffalo and Other Ranch Operations: Hay harvesting at Buffalo Ranch was concluded early in the month and other activities have consisted principally of routine fall season work. All machinery has been oiled and stored for the winter. Headgates, fences and corrals have been repaired and firewood for winter uses has been cut and hauled. Twelve buffalo were captured, crated and delivered for shipment on the 24th and preparations were made for additional shipments in October. There were no noteworthy activities at the Slough Creek and Yancey Ranches during the month.

The activities at the Gardiner Ranch consisted only of the cutting and harvesting of the second growth hay. The tonnage now on hand at all the ranches is noted as follows:

Buffalo Ranch		
Old Hay	150.00 tons	
New hay	576.99 "	726.99
Slough Creek and Gardiner Ranches		
Old hay	246.00 tons	
New hay	195.51 "	441.51
Game preservation Ranch		
Old hay	143.74 tons	
New hay	203.38 "	347.12
Yancey Ranch		
Old hay	None	
New hay	50.00 tons	50.00
		1565.62

Total old hay at all ranches	539.74 tons
Total new hay at all ranches	1025.88 "
Grand Total	1565.62 "

This tonnage exceeds our normal winter season requirements and in view of the unusually heavy forage crop is regarded as amply sufficient for our needs.

480 - Natural Phenomena

There is very little change in the Mammoth hot springs since the end of August. Generally speaking there is not nearly the same falling off in amount of water flowing over the terraces that there was last fall. New Angel is especially beautiful at this time and the active area seems to be increasing each month. There is a great deal of activity at the top of Jupiter on the main terrace and Minerva is quite active again though not as pretty as it was at the beginning of the season. No bats could be seen in the Devil's Kitchen. Orange Spring has not the amount of water flowing over it that it had a month ago.

Migratory Birds: Ducks and geese are abundant on all the lakes and streams. Swans are frequently seen along the Yellowstone and Firehole Rivers and Sand hill cranes have been nesting in the Norris, Fountain, and Bechler Districts. Counts of waterfowl are now submitted on a fixed date each month of the year to the Bureau of Biological Survey, Washington, D.C.

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Old hay	245.00 tons	
New hay	195.51 "	441.51
Game preservation Ranch		
Old hay	145.74 tons	
New hay	203.38 "	347.12
Yancey Ranch		
Old hay	None	
New hay	50.00 tons	50.00
		1565.62

Total old hay at all ranches	539.74 tons
Total new hay at all ranches	1025.88 "
Grand Total	1565.62 "

This tonnage exceeds our normal winter season requirements and in view of the annually heavy forage crop is regarded as amply sufficient for our needs.

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Norris Geyser Basin: There were no unusual thermal activities at Norris Basin during the month. Black Growler steam vent continued as ever the principal attraction. Whirligig was fairly regular and displayed the usual power. Constant was mainly inactive. No marked changes have been observed in the volume, power and frequency of Valentine, Minute Man, New Crater, Coral and Vixen.

Upper Geyser Basin: Thermal activities at this basin were normal during the month. One thousand eighty eruptions of Old Faithful geyser were observed and noted during an interval of 90 days, terminating on September 18th. The average interval of time between eruptions as determined by the observations noted was 63.65 minutes. The average for September was 63.8 minutes. There was very little variation in its regularity, power, and volume during the season and its reputation for clock-like precision has been splendidly maintained. Grand Geyser has played at intervals ranging from 10 to 17 hours during the period from June 15th to date. The observed eruptions of Giant during the season occurred on July 9th, July 29th, August 3rd, 5th, 20th and October 5th. The only observed eruption of Giantess since December 29th, 1926, occurred on July 30th and 31st. Great power and vigor was displayed on the last named dates when it was constantly in action for a period of more than 24 hours. Castle erupted on September 6th and 27th; its summer season activities have been normal. Riverside has been active at an average interval of 8 hours and Daisy at the average interval of 80 minutes. Oblong, Lion and Dragon were active at irregular intervals during the month. Cliff Spring was in violent eruption on the 25th. The activities of this spring during the past two years although infrequent and very irregular in point of time, have assumed tmue geyser proportions. Handkerchief Pool has not functioned properly at any time this season.

500 - Use of Park Facilities by the Public

510 - Increase or decrease of travel

The tourist season of 1927 officially closed on September 20th and the travel records were closed on the 25th. The total travel accredited to the season was 200,825, as compared with 187,807 last year, showing an increase of 13,018 or about 7%. A detailed statement of the travel this season is included herein and copies of same have been mailed to interested railway officials, particular friends of the park, concessioners of this and other parks, and leading newspapers of the country.

520 - General weather conditions

521 - In the park

TEMPERATURE: Monthly mean, 48.6°, is 4.8° below normal, and 5° warmer than September a year ago. Temperatures throughout the month were persistently cooler than the seasonal average, but no unusual extremes occurred. The highest was 77° on the 3rd, and the lowest 30° on the 19th.

Norris Geyser Basin: There were no unusual thermal activities at Norris Basin during the month. Black Growler steam vent continued as over the principal attraction. Whirligig was fairly regular and displayed the usual power. Constant was mainly inactive. No marked changes have been observed in the volume, power and frequency of Valentine, Minute Man, The Crater, Coral and Vixen.

Upper Geyser Basin: Thermal activities at this basin were normal during the month. One thousand eighty eruptions of Old Faithful geyser were observed and acted during an interval of 90 days, terminating on September 18th. The average interval of time between eruptions as determined by the observations on all was 65.85 minutes. The average for September was 65.6 minutes. There was very little variation in its regularity, power, and volume during the season and its reputation for clock-like precision has been splendidly maintained. Great Geyser has played at intervals ranging from 10 to 17 hours during the period from June 15th to date. The observed eruptions of Giant during the season occurred on July 5th, July 25th, August 3rd, 5th, 20th and October 5th. The only observed eruption of Giantess since December 25th, 1926, occurred on July 30th and 31st. Great power and vigor was displayed on the last named dates when it was constantly in action for a period of more than 24 hours. Castle erupted on September 6th and 27th; its summer season activities have been normal. Riverside has been active at an average interval of 6 hours and Daisy at the average interval of 80 minutes. Oblong, Lion and Dragon were active at irregular intervals during the month. Cliff Spring was in violent eruption on the 25th. The activities of this spring during the past two years although infrequent and very irregular in point of time, have assumed time geyser proportions. Emmerchief Pool has not functioned properly at any time this season.

500 - Use of Park Facilities by the Public

510 - Increase or decrease of travel

The tourist season of 1927 officially closed on September 20th and the travel records were closed on the 25th. The total travel accredited to the season was 200,825, as compared with 187,807 last year, showing an increase of 13,018 or about 7%. A detailed statement of the travel this season is included herein and copies of same have been mailed to interested railway officials, particular friends of the park, commissioners of this and other parks, and leading newspapers of the country.

520 - General weather conditions

521 - In the park

TEMPERATURE: Monthly mean, 42.6°, is 4.8° below normal, and 5° warmer than September a year ago. Temperatures throughout the month were persistently cooler than the seasonal average, but no unusual extremes occurred. The highest was 77° on the 3rd, and the lowest 30° on the 19th.

PRECIPITATION: Total, 2.36 inches, is 1.35 inches above normal, and one among the five wettest Septembers of record. The mostly cloudy, rainy weather of the first half of the month was followed by a week of fair, sunshiny weather, but with temperatures continuing slightly below normal. The remainder of the month was unsettled with occasional showers.

SNOWFALL: There was only a trace of snow, occurring on four days. The average September has 1.5 inches of snowfall.

WIND: Average hourly velocity 7.5 miles; normal 7.4 miles. The maximum velocity was 38 miles per hour from the south on the 6th.

SUNSHINE: Percentage of possible 53; normal 63. Number of days clear 9, partly cloudy 12, cloudy 9, with precipitation 13.

PRECIPITATION: Total, 2.36 inches, is 1.35 inches above normal, and one among the five wettest September's of record. The mostly cloudy, rainy weather of the first half of the month was followed by a week of fair, moderate weather, but with temperatures continuing slightly below normal. The remainder of the month was unsettled with occasional showers.

SNOWFALL: There was only a trace of snow, occurring on four days. The average snowfall was 1.5 inches of snowfall.

WIND: Average hourly velocity 7.5 miles; normal 7.4 miles. The maximum velocity was 35 miles per hour from the south on the 5th.

SUNSHINE: Percentage of possible 57; normal 63. Number of days clear 7, partly cloudy 12, cloudy 9, with precipitation 15.

540 - Special Visitors

Louis Franck, Belgium Minister of State and Governor of the Bank of Belgium, guest to park of International Mercantile Marine Company, arrived via Gardiner on September 13th and left via Cody on the 17th.

Hon. Tasker L. Oddie, U. S. Senator from Nevada, entered the park via Gardiner on September 23rd and left on the afternoon of the 24th via the Gallatin Gateway, spending the night of the 26th at Mr. Childs' ranch near Bozeman.

Hon. Frederick W. Dallinger, Congressman from the 8th Massachusetts District, Cambridge, Mass., came in via Gardiner on September 9th and left via Cody on the 13th.

Hon. Charles E. Winter, Congressman from Wyoming, came in via the southern entrance on September 9th and left via the same gateway on the 12th.

William Allen White, author and editor, from Emporia, Kansas, came in via Cody on September 15th and left via Jackson Hole on September 18th.

Mr. Merle Thorpe, Editor of Nation's Business, came in via Gardiner on August 1st and left via the same gateway on the 6th.

Mr. E. H. O'Hara, Editor, Syracuse N. Y. Herald, came in via Cody on the 13th and left via Gardiner on the 15th. He is a friend of Mr. Durston, Editor of the Butte Post.

Frank J. Taylor, writer, 703 Market St., San Francisco, came in via West Yellowstone on the 6th and left via the same gateway on the 16th.

Mr. Blaine W. Wilson, Circulation Manager, Salt Lake Tribune, arrived via West Yellowstone on September 8th. The date of his leaving the park is not known.

Mr. F. E. Williamson, Vice President, Northern Pacific, came in via Gardiner on September 7th and left via Cody on September 10th.

Mr. T. H. Lantry, General Manager, Northern Pacific Railway Company, St. Paul, Minn., came in via Gardiner on August 31st and left some time early in September.

Mr. E. T. Allen of the Geophysical Laboratory, Carnegie Institution, Washington, D. C., who came in via Gardiner on June 20th, left via the same gateway on September 12th.

Mr. Mode Wineman, 215 South Euclid Ave., Pasadena, Cal., who came in via West Yellowstone on June 23rd, left via the same gateway on September 8th.

Ty Cobb and party, came in via Cody on September 28th and left via the same gateway on September 29th. In this party were T. A. Yankey and wife, Mrs. Cobb, J. L. Wheeler and F. W. DeFoe.

Howard Hays, former owner of the Yellowstone Park Camps Company, now President of the Glacier Park Transport Company, came in via Gallatin gateway on September 26th and left via Gardiner on September 29th.

340 - Special Visitors

Louis Frasse, Minister of State and Governor of the Bank of Belgium, guest to park of International Harvestile Service Company, arrived via Overland on September 13th and left via Cody on the 17th.

Mr. Henry L. Odell, U. S. Senator from Nevada, entered the park via Overland on September 23rd and left on the afternoon of the 24th via the Cottonwood Gateway, spending the night of the 23rd at Mr. Gillis' ranch near Cameron.

Mr. Frederick G. Bellinger, Congressman from the 8th Massachusetts District, Quincy, Mass., came in via Overland on September 7th and left via Cody on the 12th.

Mr. Charles E. Winter, Congressman from Wyoming, came in via the southern entrance on September 7th and left via the West Gateway on the 12th.

William Allen White, author and editor, from Emporia, Kansas, came in via Cody on September 13th and left via Jackson Hole on September 16th.

Mr. Merle Sharpe, editor of Nation's Business, came in via Overland on August 1st and left via the West Gateway on the 6th.

Mr. E. M. O'Hare, Editor, Syracuse N. Y. Herald, came in via Cody on the 13th and left via Overland on the 15th. He is a friend of Mr. Burston, Editor of the Estes Post.

Frank A. Taylor, artist, 703 Market St., San Francisco, came in via West Yellowstone on the 6th and left via the West Gateway on the 16th.

Mr. Elaine E. Milnor, Irrigation Manager, Salt Lake Tribune, arrived via West Yellowstone on September 6th. The date of his leaving the park is not known.

Mr. F. A. Williamson, Vice President, Northern Pacific, came in via Overland on September 7th and left via Cody on September 10th.

Mr. E. E. Lantry, General Manager, Northern Pacific Railway Company, St. Paul, Minn., came in via Overland on August 31st and left same time early in September.

Mr. A. C. Allen of the Geophysical Laboratory, Carnegie Institution, Washington, D. C., who came in via Overland on June 20th, left via the West Gateway on September 12th.

Mr. John Hinman, 217 South Euclid Ave., Pasadena, Cal., who came in via West Yellowstone on June 23rd, left via the West Gateway on September 6th.

Mr Cook and party, came in via Cody on September 28th and left via the West Gateway on September 29th. In this party were T. A. Lemley and wife, Mrs. Cook, J. L. Wheeler and W. T. Cofer.

Howard Daye, former owner of the Yellowstone Park Camps Company, now President of the Glacier Park Transport Company, came in via Gallatin Gateway on September 20th and left via Overland on September 23rd.

Mr. Karl T. Frederick, 128 Broadway, New York, N.Y., came in via Gardiner on the 17th and left via West Yellowstone on the 28th. Mr. Frederick is President of the Camp Fire Club of America.

Mr. P. V. G. Mitchell, International Mercantile Marine Company of New York, came in via the southern entrance on September 6th and left via the southern gateway on September 10th.

George P. Scriven, Major General, U.S.A, retired, came in via Gardiner on September 11th and left on the 12th.

Dr. Frederick W. Wersebe, Washington, Conn., was at Old Faithful on the 6th. He left via West Yellowstone on the 11th.

Dr. Frank Oastler of New York and Mrs. Oastler, came in via Gardiner on September 8th and left via the same gateway on the 13th.

Dr. Francis R. Hagner, Washington, D.C., came in via Cody on the 3rd and left via West Yellowstone on the 8th. He is a friend of Judge Edwards, and is one of the outstanding physicians of Washington.

John P. Holman, President, Audubon Society of Connecticut, Fairfield, Conn., came in via Cody on the 3rd and left via West Yellowstone on the 8th.

Eitaro Sekiguchi, Kioto, Japan, Assistant Professor Landscape Architecture, Department of Agriculture, Kioto Imperial University, came in via West Yellowstone on the 10th and left via West Yellowstone on the 14th.

Dan Hull, former Chief Landscape Engineer of the N.P.S., came in via West Yellowstone on the 15th and left via the same gateway on the 16th.

Gilbert Stanley Underwood, Architect, came in via West Yellowstone on September 15th and left via the same gateway on the 16th. He was with Mr. Hull.

Mr. J. H. Brunson, Louisville, Neb., came in via Gardiner on July 5th and left via the same gateway on September 3rd.

As noted in the August report, the Wyoming Press Association was in the park from August 25th to 27th inclusive. The following attended the editorial meeting: Mr. and Mrs. Charles Thompson of the Cheyenne Tribune-Leader, J. G. Griffith of the Lusk Herald, J. E. and E. E. Hanway of the Casper Tribune-Herald, Mr. and Mrs. D. O. Maret of the Thermopolis Independent, P. O. Anderson of the Basin Republican, L. L. Bristow of the Guernsey Gazette, L. P. Loomis of the Torrington Telegram-Journal, Mr. and Mrs. Tracy McCracken of the Cheyenne Eagle, E. F. Shaw of the Cody Enterprise, L. L. Newton, Mrs. Newton and daughter of the Lander State Journal, Mr. and Mrs. W. J. Bowie of the Riverton Chronicle, Mrs. Winnie Bard of the Sheridan Post-Enterprise, Mr. and Mrs. W. J. Stull of the Salt Lake Gusher, A. W. Coons and party of the Basin Rustler, George W. Hopkins and family of the Big Piney Examiner, Mr. and Mr. O. H. P. Shelley and daughter of the Red Lodge (Mont.) Chronicle, T. Joe Cahill, George and Mrs. Will Goodale of Laramie, D. W. Greenburg, publicity man for the Midwest Refining Company of Casper, A. E. Oulds of Carter, Rice & Carpenter Paper Company, Denver; Senator Oscar Beck of Big Piney, F. A. Franklin of the Butler Paper Company, Denver; R. J. Marlow of the Graham Paper Company, Denver, and J. O. Goodwin of the Western Newspaper Union, Denver. Mr. and Mrs. Ross L. Alcorn of the Rawlins Republican were also with this party.

Mr. Karl T. Frederick, 298 Broadway, New York, N.Y., came in via Gardiner on the 17th and left via West Indiaman on the 26th. Mr. Frederick is President of the Long Island Club of America.

Mr. J. T. A. Mitchell, International Mercantile Banking Company of New York, came in via the Southern entrance on September 6th and left via the Southern gateway on September 10th.

George A. Garland, Major General, U.S.A., retired, came in via Gardiner on September 11th and left on the 12th.

Dr. Frederick V. Vereen, Washington, Conn., and of Old Fairfield on the Sun. He left via West Yellowstone on the 11th.

Mr. Frank Gaelor of New York and Mrs. Gaelor, came in via Gardiner on September 8th and left via the same gateway on the 15th.

Dr. Francis M. Magner, Washington, D.C., came in via Cody on the 3rd and left via West Yellowstone on the 8th. He is a friend of Judge Edwards, and is one of the outstanding physicians of Washington.

John P. Kelsey, President, Ambrose Society of Connecticut, Fairfield, Conn., came in via Cody on the 3rd and left via West Yellowstone on the 8th.

Mario Bellegroni, Elmira, Japan, Assistant Professor Landscape Architecture, Department of Agriculture, Kioto Imperial University, came in via West Yellowstone on the 10th and left via West Yellowstone on the 14th.

Ben Hall, former Chief Lumbering Engineer of the U.S.A., came in via West Yellowstone on the 15th and left via the same gateway on the 16th.

Gilbert Stanley Underwood, Architect, came in via West Yellowstone on September 15th and left via the same gateway on the 16th. He was with Mr. Hall.

Mr. J. H. Brunner, Louisville, Ky., came in via Gardiner on July 5th and left via the same gateway on September 3rd.

As noted in the August report, the Morning Press Association was in the park from August 25th to 27th inclusive. The following attended the editorial meeting: Mr. and Mrs. Chapin Brown of the Cheyenne Tribune-Leader, J. O. Griffith of the Lander Herald, J. E. and A. A. Dorsey of the Casper Tribune-Herald, Mr. and Mrs. D. O. Mavis of the Sheridan Independent, L. O. Anderson of the Basin Republican, L. . Editor of the Worland Daily, L. P. Loomis of the Torrington Telegram-Journal, Mr. and Mrs. Tracy Lockwood of the Cheyenne Leader, L. F. Shaw of the Cody Enterprise, L. L. Newton, Mrs. Newton and daughter of the Lander State Journal, Mr. and Mrs. W. C. Lewis of the Riverton Ourpublic, Mrs. Tinkle Hard of the Sheridan Post-Enterprise, Mr. and Mrs. W. J. Kroll of the Salt Lake Mirror, A. W. Moore and party of the Basin Herald, George H. Hopkins and family of the Big Piney Examiner, Mr. and Mr. O. K. L. Shelley and daughter of the Red Lodge (Mont.) Carbonian, T. Joe Cahill, Denver and Mrs. Will Goodale of Laramie, D. L. Cosgriff, publicity man for the Albert Trifles Company of Casper, A. E. Guide of Lander, Miss E Carpenter Paper Company, Denver; Denver Book of Big Piney, W. A. Freeman of the Butler Paper Company, Denver; E. G. Martin of the Union Paper Company, Denver, and L. O. Goodwin of the Western Newspaper Union, Denver. Mr. and Mrs. Jose L. Alonso of the Basin Republican were also with this party.

600 - Protection

610 - Police Protection

Proceedings were had before the United States Commissioner as follows, during the month:

Name and Address	Offense	Disposition
Leroy Holden of New York City.	Defacing geyser formation	Fined $25 and costs.
Walter La Fans, Minneapolis, Minn.	Obnoxious conduct.	Fined $10 and costs.
Earl Cefrey, Boston, Mass.	Obnoxious conduct.	Fined $10 and costs.

Proceedings were had in 26 cases during the year. There were 26 convictions and no acquittals. A total of $739 in fines, exclusive of costs, were imposed. There were 16 cases involving violations of traffic regulations, 3 cases involving violations of the Federal Prohibition Act, 1 case involving trespass and violation of park regulations governing the possession and use of fire arms in the park, 5 cases of obnoxious and disorderly conduct and 1 case of defacing geyser formations.

630 - Accidents

Mr. Harold Rodefer of Newcastle, Wyo. Personal injuries consisting of painful but not serious burns on face caused by looking into crater of Old Faithful Geyser. First aid was rendered by the nurse at Old Faithful Inn. Time, August 31st.

William McKeon, of Ten Sleep, Wyo., age 15, burned on face and neck by steam from Old Faithful Geyser. Time, August 31st. The injuries were not serious. The nurse at Old Faithful Inn rendered first aid.

600 - Protection

610 - Police Protection

Proceedings were had before the United States Commissioner as follows, during the month:

Name and address	Offense	Disposition
Leroy Holden of New York City.	Defacing geyser formation	Fined $25 and costs.
Walter La Fane, Minneapolis, Minn.	Obnoxious conduct.	Fined $10 and costs.
Earl Cofrey, Boston, Mass.	Obnoxious conduct.	Fined $10 and costs.

Proceedings were had in 26 cases during the year. There were 26 convictions and no acquittals. A total of $739 in fines, exclusive of costs, were imposed. There were 16 cases involving violations of traffic regulations, 3 cases involving violations of the Federal Prohibition Act, 1 case involving trespass and violation of pack regulations governing the possession and use of fire arms in the park, 5 cases of obnoxious and disorderly conduct and 1 case of defacing geyser formations.

630 - Accidents

Dr. Harold Hodefer of Newcastle, Wyo. Personal injuries consisting of painful but not serious burns on face caused by looking into crater of Old Faithful Geyser. First aid was rendered by the nurse at Old Faithful Inn. Time, August 31st.

William Dickson, of Ten Sleep, Wyo., age 15, burned on face and neck by steam from Old Faithful Geyser. Time, August 31st. The injuries were not serious. The nurse at Old Faithful Inn rendered first aid.

Re. auto collision resulting in minor damage to complainant's car. Mr. J. W. Miller, complainant of San Francisco, Calif., Mr. B. F. Kitt of Missoula, Montana, driving U.S.D.A. truck, Montana license #61140, respondent. There were no witnesses other than the parties involved. The incident occurred on the Trout Creek fill, Lake to Canyon highway, time September 4, 1927. Respondent attempted to pass complainant's car moving in the same direction; result, collision and crushed running board and fenders on complainant's car. Complainant will attempt to recover the cost of repairs by filing claim with the Bureau of Public roads. The parties were not agreed in their statements of the factsoof the case and each blamed the other for the damage.

Re. Virgil Dryden of Gardiner, Montana, involved in auto collision with George L. Robinson, driver of Lincoln car, used by Mr. Vernon Goodwin of the Yellowstone Park Camps Company. Time, September 4th, place Mammoth Hot Springs, Wyo. Apparent cause poor vision, reckless driving and speeding by Virgil Dryden. Considerable damage was sustained by both cars. There were no personal injuries. No action for the recovery of damages is contemplated in this case. Dryden was reprimanded for reckless driving and informed that cancellation of his permit to operate a car in the park is being considered.

Mr. H. K. Mance, driving Buick car, Montana license #16113, lost control of his car while pushing a Ford car over a grade. The dead weight of the Ford caused the Buick to skid off the road while rounding the outer edge of a sharp curve. The Buick turned over and lodged against a tree on a steep incline. There were no personal injuries but the car was considerably damaged. Settlement was made by the parties involved to their mutual satisfaction. Time, Sept. 3rd, place Tower Falls road 2-1/4 miles west of Tower Junction.

Mr. and Mrs. Tom Lambertine of Cooke City, Montana, involved in automobile accident on the Cooke City road in the immediate vicinity of Ranch house at Lamar River Buffalo Ranch; time, September 8th; apparent cause, careless driving. The car turned over by the roadside and was quite badly damaged but no personal injuries were sustained. The incident was witnessed by Burton C. Lacombe, Chief Buffalo Keeper, who reports that the driver was solely responsible for the damage to the car. Lambertine is reported to have said that he had to turn off the road to make way for a grader and team but Lacombe states that there was no grader and team within a mile of the place where the incident occurred. Lacombe is also of the opinion that Lambertine was under the influence of liquor at the time.

Mr. W. L. Wattis, driving Lincoln car, Nebraska license #35397, involved in collision with W. L. Balch, driving Washington car, Superintendent of Construction at Old Faithful, Mr. Bach's car skidded while passing Mr. Wattis in the opposite direction causing minor damage to the fenders of both cars. No witnesses except parties involved, both cars fully insured, no dispute about damages. Time, September 9th, place curve on road 5 miles west of Madison Junction.

Gilbert A. Ranum, driving Nash car, Colorado license #56544, involved in collision with Gilbert Gundson, driving Chrysler car, Wisconsin license #136, 703C. The Nash collided with the Chrysler while attempting to pass; both cars were proceeding in the same direction. The damage was adjusted by agreement between the parties. There were no personal injuries. Time, September 10th, place Norris to Madison Junction highway near Iron Spring.

In. auto collision resulting in minor damage to complainant's car. Mr. A. A. Miller, complainant of San Francisco, Calif., Mr. A. T. Kitt of Alameda, Montana, driving D.S.D.A. truck, Montana license #41140, respondent. There were no witnesses other than the parties involved. The incident occurred on the Trona Grade #111, lake to Owyen highway, time September 4, 1937. Respondent attempted to pass complainant's car moving in the same direction; collision and crashed running board and fenders on complainant's car. Complainant will attempt to recover the cost of repairs by filing claim with the Bureau of Public roads. The parties were not agreed in their statements of the because the case and each blamed the other for the damage.

Mr. Virgil Bryden of Gardiner, Montana, involved in auto collision with George L. Lindsman, driver of Lincoln car, owned by Mr. Teresa Gonzalez of the Yellowstone Park Camp Company. Time, September 4th, place Mount Sheridan, Wyo. Apparent cause poor vision, reckless driving and speeding by Virgil Bryden. Considerable damage was sustained by both cars. There were no personal injuries. No action for the recovery of damages is contemplated in this case. Bryden was reprimanded for reckless driving and informed that cancellation of his permit to operate a car in the park is being considered.

Mr. E. E. Ferre, driving pick-up car, Montana license #61113, lost control of his car while pulling a load car over a grade. The load weight of the load caused the truck to slide off the road while rounding the outer edge of a sharp curve. The truck turned over and lodged against a tree on a steep incline. There were no personal injuries but the car was considerably damaged. Settlement was made by the parties involved to their mutual satisfaction. Time, sept. 3rd, place Inner Falls road 2-1/4 miles west of Tower Junction.

Mr. and Mrs. Tom Lamberting of Cooke City, Montana, involved in auto-mobile accident on the Cooke City road in the immediate vicinity of Lamon house at Lower River Falls Ranch; time, September 8th; apparent cause, careless driving. The car turned over by the roadside and was quite badly damaged but no personal injuries were sustained. The incident was witnessed by Gordon C. Lacombe, Chief Ranger, who reports that the driver was solely responsible for the damage to the car. Lamberting is reported to have said that he had to turn off the road to make way for a trailer and then but Lacombe states that there was no trailer had been within a mile of the place where the incident occurred. Lacombe is also of the opinion that Lamberting was under the influence of liquor at the time.

Mr. E. L. Battle, driving Lincoln car, Montana license #53377, involved in collision with W. L. Walsh, driving Washington car, Superintendent of Construction at Old Faithful. Mr. Walsh's car collided while passing Mr. Battle in the opposite direction causing minor damage to the fenders of both cars. No witnesses except parties involved, both cars fully insured, no dispute about damages. Time, September 9th, place curve on road 5 miles west of Madison Junction.

Oliver L. Nunes, driving Nash car, Colorado license #56344, involved in collision with Gilbert Gunison, driving Chrysler car, California license #1360, 2020. The Nash collided with the Chrysler while attempting to pass; both cars were proceeding in the same direction. The damage was adjusted by agreement between the parties. There were no personal injuries. Time, September 10th, place Sorrle to Madison Junction highway near Iron Spring.

Mr. F. J. O'Hara of Elgin, Nebraska, involved in auto collision with Mr. L. A. Braman of Butte, Montana. Time, September 11th, place 8 miles west of Tower Junction on Tower Falls Road, damage slight. The complaint was adjusted by agreement between the parties involved.

Mr. C. J. Grooms, driving Auburn car, Indiana license #247,027, involved in collision with N.P.S. truck #510. Mr. Grooms reported the incident and claimed the truck driver was entirely to blame but expressed no intention of filing a claim for damages. The truck driver failed to report on the incident before leaving the Service but motorcycle ranger Thomas C. Roberts, submitted a verbal report in conflict with the statement of Mr. Grooms. Time, September 13th, place Old Faithful to Thumb road (Spring Creek Canyon). A claim for damages is not anticipated in this case.

Mr. Andrew Veleber, 80 Williams St., New York City, involved in collision with Ingwald Jacobson, driving Yellowstone Park Camps Company truck #6. Time, September 15th. Place, Old Faithful permanent camp, damage nominal. Complainant's claims settled by agreement between the parties involved in consideration of a cash payment of $20.

900 - Miscellaneous

Hospital and Medical Service: The following report is submitted by Dr. Geo. A. Windsor, for the period September 1 to September 15th, the date the hospital in Yellowstone closed for the season:

Total number of patients in hospital..... 21
- 9 sick
- 5 accidents (4 minor - 1 major)
- 3 surgical (1 minor - 2 major)
- 1 confinement
- 3 contagious
- 21 total

Number of miles traveled.....	2460
Number of professional calls made in the park.....	13
Number of complete tours of park, checking dispensaries, looking after guests and employees.....	5
Number of minor operations, dressings, etc., coming to hospital.....	235
Number of calls upon nurses throughout the dispensaries of the park, by employees and guests, approximately....	795

Post Office: The receipts for the quarters, July 1 to September 30, showed an increase of 18% over 1926, which is considerably greater than proportional increase in travel. The carrier service around the park was discontinued with the trip on September 20th as usual. Post Office Inspector C. T. Hansen from Sheridan, Wyo., made his third trip to the park on September 19th in connection with arrangements for extended postal service for next year. He was then on his way to Washington, where he will make full report on conditions and recommendations for extended service.

Mr. [illegible] O'Hara of Elgin, Nebraska, involved in auto collision with Mr. L. [illegible] Brown of Sutton, Nebraska. Time, September 11th, place 8 miles west of Tower Junction on Tower Falls Road, damage slight. The complaint was adjusted by agreement between the parties involved.

Mr. G. J. Groome, driving Auburn car, Indiana license #247,027, involved in collision with [illegible] truck #510. Mr. Groome reported the incident and claimed the truck driver was entirely to blame but expressed no intention of filing a claim for damages. The truck driver failed to report on the incident before leaving the service but motorcycle ranger Thomas O. Roberts, submitted a verbal report in conflict with the statement of Mr. Groome. Time, September 17th, place Old Faithful to Shamp road (Spring Creek Canyon). A claim for damages is not anticipated in this case.

Mr. Andrew Belcher, 20 Williams St., New York City, involved in collision with Ingvald Jacobson, driving Yellowstone Park Camp Company truck #6. Time, September 15th. Place, Old Faithful permanent camp, damage nominal. Complaint claims settled by agreement between the parties involved in consideration of a cash payment of $20.

900 - Miscellaneous

Hospital and Medical Service: The following report is submitted by Dr. Geo. A. Tindser, for the period September 1 to September 15th, the date the hospital in Yellowstone closed for the season:

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Number of miles traveled..... 2460
Number of professional calls made in the park..... 13
Number of complete tours of park, checking dispensaries, looking after guests and employees..... 5
Number of minor operations, dressings, etc., coming to hospital..... 235
Number of calls upon nurses throughout the dispensaries of the park, by employees and guests, approximately.... 755

Post Office: The receipts for the quarters, July 1 to September 30, showed an increase of 18% over 1926, which is considerably greater than proportional increase in travel. The carrier service around the park was discontinued with the trip on September 20th as usual. Post Office Inspector G. T. Hansen from Sheridan, Wyo., made his third trip to the park on September 19th in connection with arrangements for extended postal service for next year. He was then on his way to Washington, where he will make full report on conditions and recommendations for extended service.

Church services: Services were held in the chapel to the close of the season as scheduled, with some exceptions, viz: Services held were as follows: English Lutheran morning of September 4th and evening of September 11th as scheduled; and evening of September 18th which was scheduled as a Methodist service. Congregational, evening of September 4th. Episcopal, morning of September 11th. There was no service the morning of September 18th, scheduled as a Congregational service, because Mr. McCarthy was too busy to get away from his own flock in Livingston. Early mass was held by the Roman Catholic Priest Father Whipple, of Spokane, Wash., morning of September 4th. After the close of the season, the usual winter services were begun by the two denominations that come regularly, namely, Episcopal, by Rev. John F. Como on the evening of September 25th; and English Lutheran by Rev. Webster H. Clement on Tuesday evening, September 27th.

Very truly yours,

Superintendent.

The Director,
National Park Service,
Washington, D.C.

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Very truly yours,

The Director,
National Park Service,
Washington, D.C.

Superintendent.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

YELLOWSTONE National Park for the Month of SEPTEMBER 1927

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
RIVATE TRANSPORTATION:						
ars first entry	3552	45966	2962	41972	3994	9½
ars reentry	631	2890	411	2354	536	22-3/4
otorcycles	22	199	13	146	53	36-3/10
Total motor vehicles	4205	49055	3386	44472	4583	10-3/10
ersons entering via motor vehicles	13227	157566	10776	144729	12837	8-9/10
ersons entering via other private transportation	1037	1574	1259	2118	-544	-25-7/10
Total persons entering via private transportation	14264	159140	12035	146847	12293	8-3/10
THER TRANSPORTATION:						
ersons entering via stages ersons entering via trains	4750	41685	5088	40960	725	1%
ersons entering otherwise						
Total other transportation						
GRAND TOTAL ALL VISITORS	19014	200825	17123	187807	13018	6-9/10

	This Year	Last Year	Increase	
			Number	Percent
utomobiles in public camps during month				
ampers in public camps during month				

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

[illegible] National Park for the Month of [illegible]

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year: Number	Increase for Travel Year: Percent
[illegible]TRANSPORTATION:						
[illegible] first entry	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] reentry	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]orcycles	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total motor vehicles	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]sons entering via motor vehicles	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]sons entering via other private transportation	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total persons entering via private transportation	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]ER TRANSPORTATION:						
[illegible]sons entering via stages / [illegible]sons entering via trains	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]sons entering otherwise						
Total other transportation						
[illegible] TOTAL ALL VISITORS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

	This Year	Last Year	Increase: Number	Increase: Percent
[illegible]ocupies in public camps during month				
[illegible]pers in public camps during month				

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE—YELLOWSTONE NATIONAL PARK

CHIEF RANGER'S MONTHLY TRAVEL REPORT, MONTH OF September, 1927

	NORTH		WEST		EAST		SOUTH		ALL TRAIL ENTRANCES		SUMMARY	
	Cars	People	Cars	People	Cars	People	Cars	People	Horses	People	Cars	People
Automobile permits issued	726	2521	1046	3390	1451	4294	320	921			3543	11126
Automobile permits issued (complimentary)	1	4	5	14	2	3	1	2			9	23
Cars entering second time	210	706	281	699	97	309	43	137			631	2051
Motor-cycle permits issued	3	3	6	7	13	17	0	0			22	27
Total	940	3234	1338	4310	1563	4623	364	1060			4205	13227
Passengers in horse-drawn vehicles												
Passengers on horseback												
Passengers on bicycles (Miscellaneous)		137		68		10		822				1037
Passengers on foot												
Total incoming passengers with private transportation		3371		4378		4633		1882				14264
WITH HIRED TRANSPORTATION												
Yellowstone Park Transportation Co.		2379		1842		523		6				4750
Total incoming passengers with hired transportation												
TOTAL INCOMING PASSENGERS		5750		6220		5156		1888				19014

Total automobiles in public camping grounds _____

Total automobile campers in public camping grounds _____

Total passengers Cooke City stage _____

Total visitors Cave Falls—Bechler River Region _____

SEASON TOTAL END OF LAST MONTH 44650 181811

SEASON TOTAL TO DATE 49055 200825

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

YELLOWSTONE National Park for the Month of SEPTEMBER 1927

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
Project #1-C - Firehole Cutoff				
New construction, 1-1/4 miles	97	2	10	
Widening, 1-1/4 miles	95	20	25	
Project #1-E, Lake Shore Road				
Reconstruction, 12.4 miles	98	1	0	
Project #1-H, Unit No. 1, Lower Falls-Mammoth Road				
Reconstruction and surfacing, 1-1/4 miles	100			
Project #1-H, Unit No. 2				
Reconstruction, 3/4 miles	100			
Project #5-C, Sylvan Lake-Cub Creek, East Entrance Road				
Reconstruction, 7 miles	12	0	0	
Project #9-A, Inspiration Point Road				
Reconstruction, 2 miles	100	0	0	Completed Aug. 25, 1926.
Surfacing, 2 miles	100	0	0	
Project #8 - Soda Butte Road				
Reconstruction, 1-1/2 miles	100	0	0	Oct. 20, 1926.
Project #1-G, Canyon Junction-Lower Junction				
New construction, 1-1/2 miles	85	45	30	Sept. 30, 1926.
Project #1-A, Mammoth-Norris				
Reconstruction, 16 miles	5	5	0	Nov. 15, 1928
Project #4, Madison Junction-West Yellowstone				
Reconstruction, 7 miles	1	1	0	Nov. 15, 1928

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

[illegible] National Park for the Month of [illegible] 1927

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
[illegible]ject F1-C - Firehole Outlet [illegible] construction, 1-1/4 miles	97	1	10	
[illegible]ecing, 1-1/4 miles	95	20	25	
[illegible]ject F1-E, Lake Shore Road [illegible]construction, 1[illegible].4 miles	98	1	0	
[illegible]ject F1-H, Unit No. 1. [illegible]er Falls-Mammoth Road [illegible]construction and surfacing. [illegible]1/4 miles	100			
[illegible]ject F1-H, Unit No. 2 [illegible]construction, 5/4 miles	100			
[illegible]ject F5-C, Sylvan Lake-Oak [illegible]ss, East Entrance Road [illegible]construction, 7 miles	12	0	0	
[illegible]ject F5-A, Inspiration [illegible]t Road [illegible]construction, 2 miles	100	0	0	Completed Aug.25
[illegible]facing, 2 miles	100	0	0	1926.
[illegible]ject F6 - Snake Butte Road [illegible]construction, 1-1/2 miles	100	0	0	Nov. 20, 1926.
[illegible]ject F1-S, Oregon Junction-[illegible]er Junction [illegible] construction, 1-1/2 miles	85	45	30	Sept. 30, 1926.
[illegible]ject F1-A, Mammoth-Norris [illegible]construction, 16 miles	5	5	0	Nov. 15, 1926
[illegible]ject F4, Medicine Junction-[illegible]t Yellowstone [illegible]construction, 7 miles	1	1	0	Nov. 15, 1926

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

YELLOWSTONE National Park for the Month of SEPTEMBER 1927

	This Month	This Month Last Year
mber of employees beginning of month	94	105
mber of additions.	2	
Total	96	105
mber of separations.	33	40
mber of employees close of month . .	63	65

---

mber of promotions during month. . . .

---

gregate amount of annual leave taken | 45½ | 25

gregate amount of sick leave taken . | 15 | 23

gregate amount of leave without pay. | 0 | 0

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

[redacted] National Park for the Month of [redacted] 1941

	This Month	This Month Last Year
[illegible]er of employees beginning of month	94	105
[illegible]er of additions	2	
Total	96	105
[illegible]er of separations	32	40
[illegible]er of employees close of month	64	65

[illegible]ber of promotions during month

[illegible]regate amount of annual leave taken | 44 | 55
[illegible]regate amount of sick leave taken | 15 | 27
[illegible]regate amount of leave without pay | 0 | 0

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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

YELLOWSTONE National Park for the Month of SEPTEMBER 1927

	This Year	Last Year
ark revenue on hand beginning of month	None	None
eceived	$18,327.18	$12,388.19
Total	$18,327.18	$12,388.19
emitted	$18,327.18	$12,388.19
n hand close of month	None	None

ark revenues received this year to date	$ 123,633.15
ark revenues received last year to date	
Increase	10,455.48
Percent of increase	.09

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

YELLOWSTONE National Park for the Month of SEPTEMBER 1927

	This Year	Last Year
k revenue on hand beginning of month	None	None
ived	$10,[illegible].15	$12,388.19
Total	$10,[illegible].15	$12,388.19
itted	$10,[illegible].15	$12,388.19
hand close of month	None	None

k revenues received this year to date	$ 1[illegible],[illegible].10
k revenues received last year to date	
Increase	10,[illegible].46
Percent of increase	.09

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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

	Number	Value
)VERNMENT PUBLICATIONS:		
ı hand beginning of month	73	$ 17.60
eceived during month	510	78.20
Total	583	95.85
)ld during month	435	77.90
On hand at close of month	148	17.95
)N-GOVERNMENT PUBLICATIONS:		
ı hand beginning of month	37	50.85
eceived during month	79	110.50
Total	116	161.35
)ld during month	79	109.15
On hand at close of month	37	52.50
ash on hand beginning of month		184.60
ales during month		187.05
Total		371.65
emitted during month		268.50
Balance		103.15

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

	Number	Value
ERNMENT PUBLICATIONS:		
nd beginning of month	73	$ 17.62
ived during month	510	78.28
Total	583	95.85
during month	435	77.90
n hand at close of month	148	17.95
GOVERNMENT PUBLICATIONS:		
nd beginning of month	37	50.85
ived during month	79	110.50
Total	116	161.35
during month	79	109.15
n hand at close of month	37	52.50
n hand beginning of month		184.60
e during month		187.05
Total		371.65
ited during month		268.50
ance		107.15

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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

YELLOWSTONE National Park for the Month of SEPTEMBER 1927

	This Month	This Month Last Year	Increase ~~Increase~~ *Decrease	Percent Increase
)CAL BUSINESS				
.es of circuit maintained	432	373	59	.158
. of telephones connected	147	141	6	.042
. of measured service calls				
. of other local calls				
tal No. of local calls	16104	26547	*10453	-3
ak load in calls per day	733	1516	*783	-5
ceipts from measured service calls				
ceipts from coin boxes				
ceipts from telephone rental				
TOTAL RECEIPTS				
NG DISTANCE BUSINESS				
. Outbound calls	13			
. Inbound calls	11			
TOTAL LONG DISTANCE CALLS				
ak load in calls per day				
ceipts from Long Distance business	$8.50			
ll of this revenue accrues to the Mountain States Telephone & Telegraph Co.)				
LEGRAPH BUSINESS				
ssages via Western Union				
ssages via				
TOTAL MESSAGES				
ceipts from telegraph business				
of money transfer messages				
. of money transfer receipts				
TAL RECEIPTS TELEPHONE & TELEGRAPH DEPT-				

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

TELEPHONE National Park for the Month of SEPTEMBER 1937

	This Month	This Month Last Year	Increase / *Decrease	Percent Increase
AL BUSINESS				
...s of circuit maintained	432	373	59	.156
...of telephone connected	147	141	6	.042
...of measured service calls				
...of other local calls				
...al No. of local calls	16104	26547	*10453	-3
...k load in calls per day	733	1516	*783	-5
...eipts from measured service calls				
...eipts from coin boxes				
...eipts from telephone rental				
TOTAL RECEIPTS				
...G DISTANCE BUSINESS				
...Outbound calls	13			
...Inbound calls	11			
TOTAL LONG DISTANCE CALLS				
...k load in calls per day				
...eipts from Long Distance business	$5.50			

...l of this revenue accrues to the Mountain States Telephone & Telegraph Co.)

...EGRAPH BUSINESS

...sages and Western Union

...sages via

TOTAL MESSAGES

...eipts from telegraph business

...of money transfer messages

...of money transfer receipts

...AL RECEIPTS TELEPHONE & TELEGRAPH DEPT-

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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

YELLOWSTONE National Park for the Month of SEPTEMBER 1927

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
urrent generated, ...	75150.	255860.	74720.	244290.	11570	4.7
old to park operators, . . .	16589.9	72687.3	21724.1	76375.5	-3688.2	-4.8
old to others, ...						
urnished to other Governmental agencies, ...						
sed by National Park Service, lost in transit, etc., . . .	48460	183172.7	52995.9	167914.5	15258.2	9.17
Total current generated, . .	75150.	255860.0	74720.0	244290.0	11570.0	4.77

mount receivable from the sale of electricity, ... $ 829.49

Indicated by K. W. H.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC

[illegible] ..... National Park for the Month of [illegible]

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year In Date	Increase for Travel Year Number	Increase for Travel Year Percent
rent generated, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.7
d to park operators, . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
d to others, ...						
nished to other Governmental agencies, ...						
d by National Park Service, lost in transit, etc., . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total current generated, . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

---

unt receivable from the sale of electricity, ... $ [illegible]

Indicated by K. W. H.

DEPARTMENT OF THE INTERIOR
National Park Service
Yellowstone Park, Wyoming

September 13th 1927

CIRCULAR NO.16

Terminations of service by Park Rangers, during the tourist season of 1927 have occurred or will occur as follows:

Name and Station	Date of Release from Service
MAMMOTH STATION	
Damon E. Corbin	September 5th
Edward A. Flottman	" 1st
John E. Fraley	August 25th
Joseph D. Gibbon	September 20th
Jacob A. Goodman	" 20th
John R. Huffman	" 15th
Gerald E. Marsh	" 15th
Thomas C. Roberts	" 20th
Harvey E. Stork	" 5th
Robert F. Talbott	" 20th
W. Forest Whedon	" 15th
Fredrick W. Woerner	" 20th
William R. Burdison	" 5th
GARDINER STATION	
Frank H. Smith	September 8th
Frances E. Pound	Convenience of the Service
WEST YELLOWSTONE STATION	
Seth R. Downs	September 1st
George D. Keyser, Jr.	August 19th
Charles P. Melton	July 9th
Walter B. Townsend	July 13th
Hamlin R. Crunk	Convenience of the Service
SYLVAN PASS STATION	
Robert B. Walton	September 15th
Irene M. Wisdom	Convenience of the Service
Theodore T. Shaeffer	" " " "
SNAKE RIVER STATION	
Edward M. Tate	September 12th
Ralph V. Herron	September 1st
NORRIS STATION	
David H. Canfield	September 1st

Name and Station	Date of Release from Service
MADISON JUNCTION STATION	
Robert M. Baker	Convenience of the Service
FOUNTAIN STATION	
Stewart H. Anthony	September 20th
Tom A. Renick	July 7th
OLD FAITHFUL STATION	
William A. Belt, Jr.	September 15th or later
Arthur S. Chapman	Convenience of the Service
William H. Clashman	September 1st
Robert F. Dolliver	September 9th
William N. Mills	September 5th
Rudolph H. Mulfinger	September 7th
Fred R. Morrell	September 1st
Herma G. Albertson	September 7th
Joseph Shirley	September 20th or later
THUMB STATION	
Worth A. Fauver	September 5th
LAKE STATION	
Karl J. Hardy	September 10th
Harry M. Kelly	August 25th
Robert H. Rose	September 1st
Charles P. Compton	September 20th
Arthur W. Soper	September 20th
CANYON STATION	
Gerrit Demmink	September 8th
Donald A. Duff	September 10th
Elmer E. Kingery	September 1st
Joseph D. Lawrence	August 7th
Carlile S. Nichols	September 15th
Edwin L. Smith	Convenience of the Service
Robert D. Terhune	August 15th
DUNRAVEN PASS STATION	
Walter R. Beardsley	September 1st
Elwood E. Hansen	September 9th
TOWER FALLS STATION	
John M. Hitchings	September 1st
William Wirt King	August 22nd
Francis D. La Houe	Convenience of the Service

Name and Station	Date of Release from Service
COOKE CITY STATION	
Hugh A. Townsend	September 1st
GALLATIN STATION	
Ralph W. Pierson	September 15th
Remus H. Allen	September 20th
BECHLER RIVER STATION	
William P. Howe	September 1st
SPECIAL DUTY	
Roy Sommerlad	August 29th
	Total Releases from Service--61

The fall and winter season duty assignments are as follows:

MAMMOTH STATION

Sam T. Woodring, Chief Park Ranger, In Charge of all ranger activities and personnel.

Joseph Douglas, Assistant Chief Ranger, In Charge of the Northern Supervisory Territory.

Julius L. Greer, Assistant Chief Ranger, In Charge of the Chief Ranger's Office and otherwise assisting the Chief Ranger.

Edward J. Bruce
Marguerite Lindsley

- - - -

GARDINER STATION

Thad C. Pound

CREVICE STATION

Roy C. Brown

RIVERSIDE STATION

Harry Trischman, 1st Assistant Chief Ranger, In Charge of the Wesrtern Supervisory Territory.
George W. Miller
Robert M. Baker

HOPPE RANCH

James N. Dupuis

GALLATIN STATION

George Winn

BECHLER RIVER STATION

Albert T. Bicknell

SNAKE RIVER STATION

Leon Foore

SYLVAN PASS STATION

Roby Roy Wisdom

UPPER SLOUGH CREEK STATION

James McBride

LAKE STATION

Harry J. Lick, Assistant Chief Ranger, In Charge of the Southern Supervisory Territory
John Bauman
Irving S. Aitken
Roger L. Duncan
Francis D. La Neue

- - - -

OLD FAITHFUL STATION

Edward L. Arnold

HELLROARING STATION

Guy E. McCarty
Roy T. Frazier

TOWER FALLS STATION

Leo Cottrell

COOKE CITY STATION

Clifford Anderson

BLACKTAIL CABIN

Edward E. Ogston

(Signed) HORACE M. ALBRIGHT
Superintendent

September 15, 1927.

CIRCULAR NO. 17.

Circular No. 15 is modified as follows:

Permanent Assignment

Quarters now occupied by B. H. Burrell to Ray Edwin

Temporary Assignment

Quarters now occupied by Ray Edwin to O. A. Weisberger.

Note: Temporary assignment of Mr. Edwin's quarters to O. A. Weisberger may be made permanent.

Horace M. Albright
Superintendent.

September 15, 1927.

CIRCULAR NO. 17.

Circular No. 15 is modified as follows:

Permanent Assignment

Quarters now occupied by M. R. Burrell to Roy Edwin

Temporary Assignment

Quarters now occupied by Roy Edwin to O. A. Weisberger.

Note: Temporary assignment of Mr. Edwin's quarters to O. A. Weisberger may be made permanent.

Horace M. Albright
Superintendent.

September 19, 1927.

CIRCULAR NO. 18.

Effective Tuesday, September 20th, the winter schedule for telephone operators will go into effect with shifts as follows:

OPERATOR	FROM	TO	HOURS
1. Mrs. Edwin & Miss Anderson	7:30 a.m.	12;00 Noon	4½
2. Mrs. Allan	12;00 noon	6:30 p.m.	6½
3. Mrs. Edwin & Miss Anderson	6:30 p.m.	8:30 p.m.	2

It is understood that Mrs. Edwin and Miss Anderson will alternate days on the switchboard. Should there be any deviation at all from this schedule, the superintendent's office should be so advised. The superintendent's office should know at all times what operator is supposed to be on the switchboard.

HORACE M. ALBRIGHT
Superintendent.

September 19, 1927.

CIRCULAR NO. 18.

Effective Tuesday, September 20th, the winter schedule for telephone operators will go into effect with shifts as follows:

OPERATOR	FROM	TO	HOURS
1. Mrs. Edwin & Miss Anderson	7:30 a.m.	12:00 Noon	4½
2. Mrs. Allen	12:00 noon	6:30 p.m.	6½
3. Mrs. Edwin & Miss Anderson	6:30 p.m.	8:30 p.m.	2

It is understood that Mrs. Edwin and Miss Anderson will alternate days on the switchboard. Should there be any deviation at all from this schedule, the superintendent's office should be so advised. The superintendent's office should know at all times what operator is supposed to be on the switchboard.

[illegible]
Superintendent.

Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone Park, Wyo.

September 28, 1927.

CIRCULAR NO. 19

On and after this date and until further notice, the following night connections will be made on the Government switchboard at Mammoth Hot Springs. The telephone operator on the night shift should be certain to make these connections before closing the switchboard at night.

Livingston line No. 1 to line No. 22 - Lindsleys
Dr. Brady's line No. 25 to line No. 7 - Gardiner
Power plant line No. 34 to line No. 11 - Dale, Allan
Lake line No. 15 to line No. 26 - Woodring, Daum, Greer
Old Faithful line No. 4 to line No. 32 - Bruce, Wiggins
Tower Falls line No. 9 to line No. 24 - Joffe's
Gardiner & Crevice line No. 6 to line No. 18 - Eggen, Brant

Horace M. Albright
Superintendent

Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone Park, Wyo.

September 30, 1927.

CIRCULAR NO. 20.

In order that arrangements may be made early and effectively for entertainment in the park community for the coming winter, the committee whose names are found below is appointed to take full charge to sound out community sentiment and the kind of entertainment desired to arrange for motion pictures, dancing, and other entertainment, to finance the same, and take all other steps necessary and desirable to provide the community with entertainment during the winter months.

It is desired that this committee handle all matters of entertainment the same as the school board handles school affairs; that is, without referring matters to the superintendent's office for decision or action of any kind.

The committee is as follows:

Sam T. Woodring - Chairman
Mrs. C. A. Brant - Vice Chairman -
Oscar Eggen
Mrs. A. R. Edwin
R. R. Robinson.

It is inconceivable that the community would want to go through a winter without entertainment such as motion pictures and dancing will furnish. It is hoped that every one will cooperate with the above named committee in arranging for suitable entertainment. After all , there are only four families less in the community this winter than were here last winter. It seems entirely unlikely that the community would want to admit that the absence of four families would make the comprehensive plan of entertainment financially prohibitive.

Horace M. Albright
Superintendent

Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming.

MEMORANDUM FOR THE PRESS:
Release ON RECEIPT.

"YELLOWSTONE PARK TRAVEL EXCEEDS ALL PREVIOUS RECORDS"

Yellowstone Park, Wyoming, October, 1927: A new high record of tourist travel has been established in Yellowstone National Park during the season of 1927 according to official reports recently compiled. This has been the most successful season in the history of the great National playground.

The total travel was 200,825 persons as compared with 187,807 during the season of 1926, the previous high record. There was an increase of 13,018, or about 7 per cent, over the total travel figures of last year.

Seven thousand three hundred and ninety-nine visitors arrived prior to June 19th, the official opening date, as compared with 13,007 visitors prior to the official opening date last year. Campers were admitted at the north and west gates on June 1st this year, as compared with May 16th and 17th respectively last year. Travel was admitted through the east gate on June 19th and south gate on July 1st, as compared with June 1st at the east, and May 29th at the south last year. Unusual snow depths on the east and south entrance roads and unfavorable travel conditions on all approach roads to the park materially affected the early season travel.

The travel this year is classified as follows: Rail visitors 41,685, automobile visitors 155,579, motorcycle visitors 263, visitors on horseback and afoot 1574, and preseason visitors, unclassified 1724 - total 200,825. 157,566 motor visitors toured the park in 49,055 cars as compared

with 144,729 visitors in 44,472 cars last year.

Travel by Park Gateways

The West Yellowstone, or western gateway, was the favorite entrance for motorists this year with a record total of 60,375 visitors traveling in 18,363 cars, as compared with 54,953 visitors traveling in 17,324 cars, admitted at the Cody or eastern gateway which has held the record entrance auto travel for the past several years.

28,770 visitors traveling in 9,485 cars were admitted at the Gardiner or northern gateway and 11,481 visitors traveling in 3,684 cars were admitted at the Snake River, or southern gateway.

The West Yellowstone gateway leads in entrance rail travel as it has done during the past several years. The rail visitors accredited to this gateway consist of 17,157 arriving via the Union Pacific Railroad, 2,778 via the Gallatin gateway from the Chicago, Milwaukee & St. Paul Railway terminal and 271 via the Bozeman terminal of the Northern Pacific Railway. There were 13,772 rail visitors who entered the park via the Gardiner Gateway, 7,588 via the Cody or Eastern Gateway and 109 via the Southern Gateway, from Lander, the terminus of the Chicago & Northwestern Railroad.

The automobile travel totals include 9,692 visitors traveling in 2,890 cars who entered the park more than once during the season.

Classification by States

Park visitors this season were registered from every state in the Union, Alaska, Philippine Islands, Hawaii, Cuba, Porto Rico, Canal Zone and 21 foreign countries, including England and 5 other countries of the British Empire.

Illinois leads the list of States as classified by rail travel with a total of 4,310 visitors, New York is second with 3,501, Ohio is third with 2,265, Pennsylvania is fourth with a total of 2,261. Approximately 35% of all rail travel came from the States of Illinois, New York, Ohio, Pennsylvania and California.

The actual rail travel exceeded the above figures by approximately one third. We are unable to give a complete classification of rail travel because of the failure of the Yellowstone Park Transportation Company checkers to keep careful and accurate records of their patrons.

Automobile travel by states shows Montana heading the list with a total of 19,050 visitors traveling in 5,620 cars, California ranks second with 15,538 visitors in 5,260 cars, Idaho is third with 12,372 visitors in 3,337 cars, and Utah is fourth with 9,324 visitors in 2,527 cars.

Makes of Cars Recorded

One hundred and two makes of cars and 7 makes of motorcycles were registered at entrance stations during the season. The Ford leads the list of cars with the Chevrolet second, the Buick third and the Dodge fourth on the list. The Harley-Davidson leads the list of motorcycles with the Indian second and the Henderson rated as third.

Other Interesting Data

The record entrance travel in the park on a single day occurred on July 3rd with a total of 3,640; previous record 3,102 on July 4th, 1926. The previous high record of July 4th last year was exceeded on 6 days this season. The average daily entrance travel on 55 days this year was 2,680 persons.

The average daily number of visitors within the park during the period July 17th to August 13th is estimated at approximately 11,000; the facilities for their convenience consisted of the hotels, lodges and public automobile camp grounds. A careful check of the daily entrance private auto travel via the Gallatin Route was had during the period July 22nd to 31st inclusive, showing a daily average of 231 persons traveling in 72 cars, or a total of 2,311 persons in 720 cars; this count covered a period of ten days during the peak of the travel.

Reports on the travel to the summit of Mt. Washburn during a period of 82 days (June 18th to September 7th) give a total of about 18,925 private auto visitors traveling in 5,898 cars; an average of 231 persons in 72 cars each day.

There was a daily average of 8 Yellowstone Park Transportation Company buses passing over the summit of the mountain during this period with a carrying capacity of 11 passengers each.

Approximately 1,350 private auto visitors traveling in 413 cars visited the Teton Mountains and Jackson Hole region as a side trip in connection with their tour of the park.

Many Thousands of Campers

The public automobile camp grounds at the principal camping areas were provided with toilet facilities, comfort stations, camp tables, firewood, provision stores, cafeterias and lunch rooms for the convenience and comfort of campers. A limited number of housekeeping cabins and tents were also available. Approximately 135,000 auto visitors camped at the various public auto camp grounds this season.

Approximately 78,000 trout were taken from the lakes and streams of the park during the course of the tourist season; this is somewhat less than the estimated total of 87,000 last year; the difference is accounted for by the early season counts this year which were materially less than last year on account of the unusually late flood water conditions.

Big game animals consisting of buffalo, moose, elk, deer, sheep and antelope were observed with interest and pleasure by thousands of visitors this year. Bears have been more numerous than at any time in recent years and more than 90,000 visitors attended the ranger lectures at the bear feeding grounds at Old Faithful and Canyon.

HORACE M. ALBRIGHT
Superintendent

HMA/JG/p

A detailed analysis of the 1927 travel by rail and motor and via the various entrances is noted in tables which we will be glad to mail you on request.

TOTAL SEASON TRAVEL BY ENTRANCES - 1927 AND 1926

YELLOWSTONE NATIONAL PARK

1927

ENTRANCE	RAIL Visitors	*BY AUTOMOBILE Cars	BY AUTOMOBILE Visitors	BY MOTORCYCLE Cars	BY MOTORCYCLE Visitors	Walking Horseback etc. Visitors	Pre-Season Visitors	TOTAL VISITORS
North	13,772	9,485	28,770	41	52	340	1,330	44,264
West	#20,216	18,363	60,375	50	69	122	330	81,112
East	7,588	17,324	54,953	95	122	230	0	62,893
South	109	3,684	11,481	13	20	882	64	12,556
TOTAL	41,685	48,856	155,579	199	263	1,574	1,724	200,825

1926

ENTRANCE	RAIL Visitors	*BY AUTOMOBILE Cars	BY AUTOMOBILE Visitors	BY MOTORCYCLE Cars	BY MOTORCYCLE Visitors	Walking Horseback etc. Visitors	Pre-Season Visitors	TOTAL VISITORS
North	14,127	9,288	27,424	26	38	371	1,860	43,820
West	#18,951	14,862	48,768	57	68	164	1,062	69,013
East	7,611	15,827	51,427	49	66	326	126	59,556
South	271	4,349	13,830	14	22	1,257	38	15,418
TOTAL	40,960	44,326	141,449	146	194	2,118	3,086	187,807

*Includes 2,890 cars and 9,692 visitors who entered the park more than once during the season and 2,354 cars and 7,668 visitors entering more than once in 1926. By automobile also includes 620 cars, pre-season, unclassified, in 1927 and 1,032 cars, pre-season unclassified, in 1926.

#The rail visitors accredited to the western gateway during the tourist season of 1927 consist of 17,157 via the Union Pacific Railway; 2,788 via the Gallatin Gateway of the Milwaukee terminal and 271 via the Bozeman terminal of the Northern Pacific, who also entered the park via the Gallatin Route. 813 Rail visitors entered via the Milwaukee terminal at Three Forks, Montana last year.

AUTOMOBILES BY ENTRANCE AND EXIT GATEWAYS

ENTRANCE	Exit Gateway				Total Cars Entering Park
	NORTH	WEST	EAST	SOUTH	
North	2824	3016	2754	426	9020
West	3321	6662	6648	1603	18,234
East	3290	8250	4350	1434	17,324
South	341	1405	1512	400	3,658
Total Exit Cars	9776	19333	15264	3863	48,236
Pre-season cars, unclassified.....					620
Motorcycles, unclassified.....					199
GRAND TOTAL, all cars and motorcycles.....					49,055

NOTE: Passengers are not counted as cars are checked out, but the approximate number of passengers may be obtained by multiplying the number of cars by 3.21 the average number of persons per car entering the park.

RAIL TRAVEL BY ENTRANCE AND EXIT GATEWAYS

ENTRANCE	Exit Gateway							Total Entrance Visitors
	North	West			East	South	Unclassified	
		West Yellowstone	Gallatin Gateway	Bozeman				
North	2088	600	8	107	8675	0	2294	13,772
West								
West Yellowstone	641	11,589	532	0	3422	0	973	17,157
Gallatin Gateway	47	601	1,494	0	566	19	61	2,788
Bozeman	37	23	8	24	170	0	9	271
East	2,413	2,372	71	94	2290	57	291	7,588
South	3	25	3	0	43	28	7	109
Total Exit Visitors	5,229	15,210	2,116	225	15166	104	3635	41,685

NOTE: The unclassified column is accounted for as follows:

Temporary employees of the Government and Park concessioners	2354
Miscellaneous and dead head travel.....	1281
Total unclassified.....	3635

STATEMENT SHOWING AUTOMOBILE TRAVEL
BY STATES SEASON OF 1927

STATE	North		West		East		South		Total	
	Cars	Passengers	Cars	Passengers	Cars	Passengers	Cars	Passengers	Cars	Passengers
Alabama	5	15	24	72	13	48	1	3	43	138
Arizona	17	46	75	222	43	133	11	37	146	438
Arkansas	10	28	34	112	60	202	18	71	122	413
California	800	2557	3112	9002	1089	3225	259	754	5260	15538
Colorado	122	326	335	1027	997	3062	282	837	1736	5252
Connecticut	11	30	18	49	45	122	9	28	83	229
Delaware	3	9	2	6	7	18	0	0	12	33
Dist.of Col.	10	33	19	52	45	119	17	44	91	248
Florida	55	137	69	200	147	410	25	74	296	821
Georgia	6	14	10	26	22	78	2	7	40	125
Idaho	140	437	2815	10015	119	381	263	939	3337	12372
Illinois	351	1088	343	1074	1410	4437	180	527	2284	7126
Indiana	122	392	147	448	358	1060	58	165	685	2065
Iowa	276	869	235	756	1066	3415	103	309	1680	5349
Kansas	93	315	243	822	750	2499	193	634	1279	4270
Kentucky	15	50	22	80	74	245	8	24	119	399
Louisiana	6	22	20	66	43	152	11	32	80	272
Maine	10	27	6	21	12	34	1	6	29	88
Maryland	11	35	12	29	47	151	14	43	84	258
Massachusetts	44	117	45	117	114	331	20	53	223	618
Michigan	233	706	187	599	722	2164	83	212	1225	3681
Minnesota	518	1650	173	539	727	2277	32	96	1450	4562
Mississippi	2	7	9	30	18	65	9	25	38	127
Missouri	88	277	205	665	559	1840	110	333	962	3115
Montana	2542	8477	2151	7470	858	2891	69	212	5620	19050
Nebraska	165	552	197	638	940	3026	172	507	1474	4723
Nevada	11	24	88	261	13	35	10	23	122	343
New Hampshire	2	5	7	14	16	41	2	5	27	65
New Jersey	45	131	61	167	144	400	21	64	271	762
New Mexico	9	22	30	88	42	135	16	51	97	296
New York	118	340	152	432	469	1330	61	196	800	2298
North Carolina	5	14	12	40	15	46	5	10	37	110
North Dakota	292	949	112	373	247	813	5	14	656	2179
Ohio	192	587	301	906	808	2548	133	385	1434	4426
Oklahoma	73	251	255	860	481	1623	176	571	985	3305
Oregon	143	415	758	2247	163	530	35	111	1099	3303
Pennsylvania	97	283	174	510	373	1094	62	191	706	2108
Rhode Island	6	13	3	10	21	42	4	12	34	77
South Carolina	4	10	2	5	9	30	2	5	17	50
South Dakota	113	350	61	195	330	1075	27	86	531	1706
Tennessee	13	46	33	121	34	105	7	29	87	301

STATEMENT SHOWING AUTOMOBILE TRAVEL BY
STATES - SEASON OF 1927
(CONTINUED)

STATE	North		West		East		South		TOTAL	
	Cars	Passengers	Cars	Passengers	Cars	Passengers	Cars	Passengers	Cars	Passengers
Texas	97	317	286	905	598	1916	142	460	1123	3598
Utah	96	236	2142	8114	86	272	203	702	2527	9324
Vermont	6	19	2	6	10	35	0	0	18	60
Virginia	3	22	12	43	12	40	4	8	36	113
Washington	461	1357	1138	3356	312	1007	45	136	1956	5856
West Virginia	14	46	17	65	63	209	4	11	98	331
Wisconsin	312	926	168	499	577	1794	39	117	1096	3336
Wyoming	158	473	201	635	1570	5227	489	1608	2418	7943
Alaska	3	7	3	10	1	2	0	0	7	19
Canada	307	1104	164	539	238	835	7	25	716	2503
Hawaii	7	26	22	71	6	17	2	6	37	120
Canal Zone	2	4	3	12	2	12	0	0	7	28
Mexico	0	0	1	5	0	0	0	0	1	5
Foreign	0	0	2	5	2	5	1	2	5	12
T O T A L	8249	26193	16716	55261	16927	53633	3452	10800	45346	145887
Cars and passengers entering second trip unclassified.....									2890	9692
Motorcycles and passengers unclassified.....									199	263
Pre-season visitors and cars unclassified.....									620	1721
GRAND TOTAL -All cars and passengers, classified and unclassified...									49055	157566

MOTORCYCLES TOURING THE PARK

MAKE OF MACHINE	1925	[illegible]	1927
Ace	3	1	6
Arrow	0	0	1
Cleveland	0	0	1
Excelsior	5	2	5
Harley-Davidson	97	107	138
Henderson	5	16	8
Indian	15	20	40
Ner A Car	1	0	0
T O T A L	126	146	199

STANDARD MAKE AUTOMOBILES DRIVEN THROUGH
YELLOWSTONE NATIONAL PARK

MAKE	1925	1926	1927	MAKE	1925	1926	1927
Allen	1	2	2	Grant	9	5	3
American	0	2	0	Gray	20	24	16
Anderson	3	1	1	Haynes	62	61	24
Apperson	13	9	8	H.C.S.	3	5	1
Ajax	0	38	21	Holmes	1	0	0
Auburn	30	54	87	Hudson	934	1325	1480
Briscoe	5	0	0	Hupmobile	532	795	801
Buick	3522	4756	5684	International	11	7	10
Bay State	0	0	1	Indiana	0	0	2
Cadillac	619	707	782	Jeffrey	2	2	0
Case	19	16	8	Jewett	407	535	400
Chalmers	83	59	35	Jordan	70	115	135
Chandler	226	254	338	King	5	2	0
Chevrolet	2529	4205	5874	Kissel	28	28	38
Chrysler	341	1085	1920	Klieber	0	0	4
Cleveland	108	147	117	Lafayette	12	13	6
Cole	37	24	13	Lexington	32	19	10
Columbia	13	25	3	Liberty	11	12	4
Commonwealth	1	0	0	Lincoln	184	246	284
Crow-Elkhart	2	0	0	Locomobile	5	12	26
Daniels	0	1	2	Lozier	1	1	2
Davis	5	5	6	La Salle	0	0	58
Dixie	2	1	1	Mack	0	0	4
Dodge	3135	4066	3910	Marmon	127	120	182
Dort	49	41	23	Maxwell	427	407	274
Dusenberg	2	1	1	McLaughlin	56	12	2
Durant	122	107	48	McFarland	0	1	0
Diana	0	19	15	Mercer	10	4	3
Earl	2	3	0	Metz	1	1	0
Elcar	6	7	13	Mitchell	25	24	1
Elgin	14	11	4	Moon	48	73	67
Essex	666	1125	1457	Monroe	2	2	0
F. Knight	0	0	2	Miscellaneous	41	88	120
Flint	81	126	107	Mooreland	0	0	1
Ford	8736	9774	8309	Nash	975	1377	1815
Franklin	315	336	362	National	8	8	1
Gayer	0	0	1	Oakland	359	611	707
Graham	0	3	2	Oldsmobile	606	882	1043
Gardner	96	108	122	Overland	842	1092	1184
G. M. C.	4	2	2	Pontiac	0	108	514

STANDARD MAKE AUTOMOBILES DRIVEN THROUGH
YELLOWSTONE NATIONAL PARK
C O N T I N U E D

MAKE	1925	1926	1927	MAKE	1925	1926	1927
				Sheridan	0	1	0
Packard	401	590	809	Standard	2	2	1
Paige	148	207	285	Stanley St.	2	0	1
Pan-American	4	1	1	Stearns Kt.	33	25	31
Patterson	2	1	1	Stewart	0	1	0
Peerless	51	104	108	Stevens	52	24	25
Pierce-Arrow	96	121	149	Stevens Duryea	4	1	0
Pilot	0	1	1	Studebaker	1897	2170	2462
Premier	9	9	4	Stutz	18	22	60
Reo	273	314	321	Sayers	0	0	1
Republic	1	0	1	Templar	8	7	2
Rickenbacker	94	120	119	Thomas	1	0	0
Roamer	3	1	3	Velie	87	78	98
Rolls-Royce	2	1	7	Winton	14	6	5
Rollin	19	15	6	Willys-Knight	608	913	1145
R. & V. Knight	6	2	3	Willys-Six	0	1	2
Roan	1	0	0	Willys St.C.	29	32	32
Star	467	1000	1127	Westcott	8	9	9
Saxon	5	1	1	White	24	17	20
Scripps-Booth	13	6	3				

Total Classified	31025	40940	45346
Second trip, unclassified.....	1556	2354	2890
Pre-season cars, unclassified.....	487	1032	620
GRAND TOTAL ALL CARS	33068	44326	48856
Motorcycles	126	146	199
GRAND TOTAL ALL CARS AND MOTORCYCLES	33194	44472	49055

TOURISTS REACHING PARK BY RAIL AND ACCOMMODATED AT HOTELS AND CAMPS

Classified by States

The data available for the classification of rail travel by states has enabled us to account for only about two thirds of the total travel. We regret that the Yellowstone Park Transportation Company checkers have failed to provide us with a complete and accurate record of their patrons.

STATE	North Entrance Htls	North Entrance Camp	West Entrance Htls	West Entrance Camp	East Entrance Htls	East Entrance Camp	South Entrance Htls	South Entrance Camp	Gallatin Entrance Htls	Gallatin Entrance Camp	TOTAL Htls	TOTAL Camps	GRAND TOTAL
Alabama	4	21	64	39	4	11	0	0	3	3	75	74	149
Arizona	3	0	5	5	3	5	0	0	1	0	12	10	22
Arkansas	6	7	10	4	4	5	0	0	0	0	20	16	36
California	165	127	798	446	66	32	0	3	28	23	1057	631	1688
Colorado	12	17	27	36	54	51	1	0	0	0	94	104	198
Connecticut	61	27	86	31	26	23	1	4	16	1	190	86	276
Delaware	8	7	11	3	8	0	0	0	2	0	29	10	39
Dist. of Col.	47	31	134	67	58	20	0	0	8	5	247	123	370
Florida	20	5	37	46	19	9	0	0	15	10	91	70	161
Georgia	14	34	40	98	14	8	0	0	2	3	70	143	213
Hawaii	8	2	10	3	0	0	0	0	0	3	18	8	26
Idaho	2	2	7	18	2	2	0	0	0	3	11	25	36
Illinois	980	757	460	691	410	399	6	7	264	336	2120	2190	4310
Indiana	123	137	110	186	57	73	0	2	21	96	311	494	805
Iowa	58	108	71	113	56	83	2	3	41	28	228	335	563
Kansas	11	22	30	46	24	56	0	0	7	2	72	126	198
Kentucky	37	21	55	82	16	29	0	2	12	4	120	138	258
Louisiana	17	11	77	54	20	8	0	2	2	4	116	79	195
Maine	4	0	9	9	7	3	0	0	0	0	20	12	32
Maryland	43	26	83	46	[illegible]	33	2	0	12	8	182	113	295
Massachusetts	66	48	147	92	81	39	0	3	26	8	320	190	510
Michigan	194	153	72	115	101	135	3	2	23	20	393	425	818
Minnesota	250	43	15	[illegible]	61	108	0	2	72	80	398	247	645
Mississippi	7	1	12	18	0	6	0	0	2	1	21	26	47
Missouri	273	219	192	171	190	182	2	1	14	13	671	586	1257
Montana	27	44	7	3	3	11	0	1	17	32	54	91	145
Nebraska	9	45	21	77	30	59	4	6	6	2	70	189	259
Nevada	0	1	1	4	0	0	0	0	0	0	1	5	6
New Hampshire	5	6	13	7	0	4	0	0	1	0	19	17	36
New Jersey	157	61	505	168	136	74	4	1	20	13	822	317	1139
New Mexico	5	3	0	2	0	0	0	0	0	0	5	5	10
New York	676	281	1178	513	520	172	5	7	88	61	2467	1034	3501
North Carolina	7	5	28	34	7	4	0	0	3	0	45	43	88
North Dakota	16	68	1	1	0	5	0	0	2	1	19	75	94
Ohio	364	303	285	713	229	187	0	3	94	87	972	1293	2265
Oklahoma	22	7	36	15	21	30	0	2	2	0	81	54	135

TOURISTS REGISTERING PARK GATEWAYS BY RAIL
AND ACCOMMODATED AT HOTELS AND CAMPS
(C O N T I N U E D)

STATE	North Entrance Htls	North Entrance Camp	West Entrance Htls	West Entrance Camp	East Entrance Htls	East Entrance Camp	South Entrance Htls	South Entrance Camp	Gallatin Entrance Htls	Gallatin Entrance Camp	TOTAL Htls	TOTAL Camps	GRAND TOTAL
Oregon	38	28	30	24	2	6	2	0	11	14	83	72	155
Panama, C. Z.	0	0	0	0	0	0	0	0	0	2	0	2	2
Pennsylvania	424	210	589	379	294	207	2	1	93	62	1402	859	2261
Philippine Is.	0	0	0	0	4	0	0	0	0	0	6	0	6
Rhode Island	5	1	23	10	15	4	0	0	3	7	46	22	68
South Carolina	2	5	12	24	0	1	0	0	0	1	14	31	45
South Dakota	1	19	0	4	0	9	0	0	2	21	3	53	56
Tennessee	10	17	62	50	11	15	0	0	5	2	88	84	172
Texas	39	51	93	140	70	91	0	0	3	0	205	282	487
Utah	4	3	39	62	0	0	0	0	0	0	43	65	108
Vermont	2	2	7	0	0	2	0	0	0	0	9	4	13
Virginia	22	20	42	52	11	0	0	0	5	2	80	74	154
Washington	125	67	7	22	14	8	2	0	67	52	215	149	364
West Virginia	19	22	26	9	10	2	0	0	4	10	59	43	102
Wisconsin	139	180	137	127	31	88	5	3	184	142	496	540	1036
Wyoming	6	5	2	4	21	15	4	0	4	0	37	24	61
T O T A L	4537	3280	5706	4877	2752	2314	45	55	1187	1162	14227	11688	25915
BY FOREIGN COUNTRIES													
Australia	0	0	6	2	2	0	0	0	0	0	8	2	10
Austria	0	0	2	0	0	0	0	0	1	0	3	0	3
Belgium	3	0	0	0	0	0	0	0	0	1	3	1	4
Canada	26	20	8	19	0	36	1	0	0	2	35	77	112
China	0	0	0	0	0	0	0	0	1	1	1	1	2
Cuba	0	0	4	0	0	0	0	0	0	0	4	0	4
Egypt	0	0	4	0	0	0	0	0	0	0	4	0	4
England	15	0	5	1	5	0	0	0	0	0	25	1	26
France	1	2	0	0	0	0	0	0	0	0	1	2	3
Germany	6	1	18	2	1	3	0	0	0	0	25	6	31
Hungary	2	0	0	0	0	0	0	0	0	0	2	0	2
Holland	0	0	0	2	0	0	0	0	0	0	0	2	2
Japan	1	0	0	0	0	0	2	0	3	0	6	0	6
Korea	0	1	0	0	0	0	0	0	0	0	0	1	1
Mexico	1	0	0	1	0	0	0	0	0	0	1	1	2
Norway	0	0	0	3	0	0	0	0	0	0	0	3	3
Porto Rico	0	0	0	0	2	0	0	0	0	0	2	0	2
Scotland	0	0	2	2	0	0	0	0	0	0	2	2	4
South Africa	1	0	0	0	0	0	0	0	0	0	1	0	1
Sweden	0	0	2	2	0	0	0	0	0	0	2	2	4
Switzerland	0	0	2	0	0	0	0	0	2	0	4	0	4
T O T A L	4593	3304	5759	4911	2762	2353	48	55	1194*	1166*	14356	11789	26145
Unclassified													15540
GRAND TOTAL													41685

*Includes 124 registering at hotels and 135 registering at the lodges who entered the park via the Bozeman terminus of the Northern Pacific Railway.

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